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ABSTRACT

Intended for use by food service personnel and management, dietitians, college teachers, students, and researchers, this catalog lists a wide variety of instructional resource materials in the areas of nutrition, health education, cooking, and food service management. The main sections of the catalog are: (1) bibliography--a complete citation of the title, author, source, data of publication, descriptor words, and an informative synopsis of the contents; (2) subject index--a listing according to descriptor terms; (3) personal author index; (4) corporate author index; and (5) title index. This volume lists all entries indexed from April 1971 through April 1973. Supplements issued later list subsequent entries.

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CATALOG

**FOOD AND
NUTRITION
INFORMATION
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HOW TO REACH THE CENTER:

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from Route 1 and from Rhode Island
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able between USDA (downtown Washington)
and the Library. Transportation is
also available by Greyhound bus and by
taxicab.

June 1973

CONTENT

The Center's Scope

The Food and Nutrition Information and Educational Materials Center (FNIC) is designed to disseminate information on school food service training. FNIC was developed cooperatively by the National Agricultural Library and the Food and Nutrition Service of the U.S. Department of Agriculture.

The Center assembles and maintains a collection of materials useful in training personnel for food management of Child Nutrition Programs, including School Lunch, Breakfast, and other non-school food service programs.

In addition, through the FNIC, users have access to the total resources of ~~the~~ the National Agricultural Library.

FNIC collects literature related to food service and nutrition. These materials include books, journal articles, pamphlets, government documents, special reports, proceedings, bibliographies, etc. In addition, FNIC maintains a collection of non-print media in the form of films, filmstrips, slides, games, charts, audiotapes and video cassettes.

Documents, articles, and audiovisual aids of substantial interest to the school food service and nutrition education community are selected for inclusion into the Catalog. To further aid the user in selecting materials of interest, each document selected for inclusion in this catalog has been indexed using a specialized vocabulary specifically developed for this collection. An informative abstract, extract, or annotation is also included.

The Catalog contains a listing of materials acquired by the Center from April, 1971 through April, 1973. Supplementary catalogs will be issued as warranted by the number of acquisitions processed for the collection in subsequent periods.

Comments and suggestions about the content of this catalog should be addressed to:

Head, Food and Nutrition Information and
Educational Materials Center
Room 304
National Agricultural Library
Beltsville, Maryland 20705

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EDUCATION & WELFARE
NATIONAL INSTITUTE OF
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AVAILABILITY OF REFERENCES CITED

The Food and Nutrition Information and Educational Materials Center accepts requests for materials by mail, telephone, and personal on-site visits. (See front inside cover)

Loans: The FNIC lends most print and non-print media in the Collection to the following groups for one month:

1. Employees of the Food and Nutrition Service, USDA
2. State School Food Service Directors and Staff
3. School Food Service Personnel involved in local training programs
4. Colleges and Universities offering courses applicable to school food service training
5. Approved professional societies and research institutions
6. Selected libraries with which FNIC shares reciprocal arrangements

Journals and other noncirculating materials are available in the Center for on-site use by other persons working or visiting in the Washington metropolitan area who are qualified researchers or students from the general public.

Photoduplication: The Center reserves the right to provide photocopy of journal articles or reprints in lieu of loan of the journals which are requested outside the Washington area. Inasmuch as one copy of these publications are purchased and shelved by the Center, direct loan of magazines and newsletters is not feasible.

Free Distribution: Most of the printed publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free-of-charge by applying directly to the issuing agency. The FNIC does not distribute them.

Special bibliographies and lists of materials obtained in quantity by the Center may be distributed to school food service personnel from time to time. Mailing lists are maintained by the Center for distribution of these materials.

ORGANIZATION AND RETRIEVAL

The food service and nutrition profession represents a diverse audience--the State School Food Service Administrator, the District Supervisor or Manager, the individual school food service personnel, the dietitian, the college teacher, the student or researcher. The Food and Nutrition Information and Educational Materials Center (FNIC) Catalog has been organized to serve the information needs of this audience.

The main sections of the FNIC Catalog are:

1. Bibliography: The bibliography is composed of bibliographic citations of the Materials acquired by FNIC prior to the publication of this Catalog. Each citation includes an accession number (assigned sequentially with the last two digits representing the year of issue for the Catalog, i.e., 237-73). Following the accession number is the title; author; publisher and place or an abbreviated journal title; volume, issue and inclusive pagination; series number, when appropriate; date of publication; and FNIC's call number. Descriptor terms indicate the subject matter included in the article. An informative abstract or annotation follows each citation. (See sample citations, p. vii.
2. Subject Index: Descriptor terms appear in an alphabetical index followed by title arranged numerically by accession number.
3. Personal Author Index: Names of all personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.
4. Corporate Author Index: Name of all corporate authors are arranged alphabetically, followed by accession numbers of citations.
5. Title Index: Titles of all citations appear in alphabetical order followed by the accession number.

Format

The Catalog is arranged so that the user may focus his attention on that area in the field of food service and nutrition education which is of interest to him. This is possible by the grouping of documents and articles under broad subject categories within the bibliography.

The categories used in this Catalog include:

Consumer Education

Consumer Economics, Consumer Protection,
Open Dating of Food

Nutritional Science and Nutrition Education

Diets, Food Analysis, Food Habits, Food
Science, General Works on Nutrition
Education, Health, Malnutrition, Nutrition
Related Diseases or Disorders, Nutritional
Surveys

History

Food Problems, General Works on Foods and the
Food Service Industry, Historical Works Tracing
the History of Food Programs

Food Standards and Legislation

Food Grades, Food and Nutrition Related
Legislation, Food Standards, Labeling, Laws

Management and Administration

Administration, Computer Applications, Contracts,
Financial Management, Food Preference Surveys,
Food Service Management, Personnel Management,
Public Relations

Education and Training

Adult Education, Audiovisual Aids, Career Education
Curriculum, Educational Planning, Educational Programs,
Inservice Education, Personnel Training, Teaching
Techniques, Vocational Education, Vocational Guidance

Menu Planning

Automated Menu Planning, Cycle Menu, Meal Management,
Menu Design

Food Preparation and Production

Food Delivery Systems, Merchandising, Quantity Food Preparation, Weights and Measures

Equipment

Cleaning Equipment, Cooking Equipment, Equipment Standards, Equipment Storage, Facilities Planning and Design, Waste Disposal Equipment

Sanitation and Safety

Accident Prevention, Equipment Sanitation, Food Sanitation, Foodborne Illnesses, Hygiene, Pest Control, Safety

Food Technology

Food Packaging, Food Processing, Food Preservation, New Products

Programs-General

Child Nutrition Programs, Federal Programs. Food Programs, International, National, State, and Local Programs

Recipes

The Art of Cooking, Cookery Native to a Specific Country or Locale, Recipes

Reference Materials

Dictionaries, Directories, Food Composition Tables, Information Science, Statistical Data

Purchasing, Receiving and Storage

Care and Handling of Food, Food Delivery, Food Selection, Food Storage, Purchasing of Food and Equipment.

Retrieval

This Catalog provides the user with several access points to the FNIC Collection. The broad subject categories group citations within designated areas of interest.

When trying to locate a particular document by a specified author, title, or on a specific subject, use the indices at the back of the catalog. These indices will aid in locating relevant documents in the main bibliography section of the Catalog.

Book Citation

Journal Article Citation

vii

SOURCE JOURNAL INDEX

Articles from the following journals were included in this Catalog:

<u>J. Title Abbrev.</u>	<u>Name of Journal</u>
Amer School Board J	The American School Board Journal
Audiovisual Instruction	Audiovisual Instruction
Borden's Rev Nutr Res	Borden's Review of Nutrition Research
Chem Eng News	Chemical and Engineering News
Congr Record	Congressional Record
Cooking for Profit	Cooking for Profit
Cornell Hotel and Restaurant Admin Quarterly	The Cornell Hotel and Restaurant Administration Quarterly
Dairy Counc Dig	Dairy Council Digest
Family Econ Review	Family Economics Review (USDA)
Fast Food	Fast Food
Food and Nutr News	Food and Nutrition News
Food Mgt	Food Management
Food Nutr	Food and Nutrition (USDA)
Food Prod Dev	Food Product Development
Food Serv	Food Service
Food Technol	Food Technology
Forecast Home Econ	Forecast for Home Economics
Givaudan Flavor	The Givaudan Flavorist
Harvard Bus Rev	Harvard Business Review
Instit/Vol Feeding	Institutions/Volume Feeding
J Am Diet Assoc	Journal of the American Dietetic Association
J Can Diet Assoc	Journal of the Canadian Dietetic Association
J Home Econ	Journal of Home Economics
J Nutr Educ	Journal of Nutrition Education
Marketing and Transport Sit	Marketing and Transportation Situation (USDA)
Modern Schools	Modern Schools
Nat Food Situation	National Food Situation
Nation's Schools	Nation's Schools
Nutr Program News	Nutrition Program News
Nutr Today	Nutrition Today
Quick Frozen Foods	Quick Frozen Foods
Sch Foodserv J	School Foodservice Journal
Sch Lunch J	School Lunch Journal
School Mgt	School Management
Training and Dev J	Training and Development Journal
Training in Business and Industry	Training in Business and Industry

TABLE OF CONTENTS

	Page
BIBLIOGRAPHY (Citations)	
Consumer Education	1
Nutritional Science and Nutrition Education	4
History	54
Food Standards and Legislation	58
Management and Administration	64
Education and Training	84
Menu Planning	109
Food Preparation and Production	112
Equipment	125
Sanitation and Safety	135
Food Technology	142
Programs - General	156
Recipes	167
Reference Materials	172
Purchasing, Receiving and Storage	180
SUBJECT INDEX	187
PERSONAL AUTHOR INDEX	265
CORPORATE AUTHOR INDEX	269
TITLE INDEX	273

Note: Mention of a company name or a proprietary product does not necessarily imply endorsement by the U.S. Department of Agriculture, National Agricultural Library, Food and Nutrition Information and Educational Materials Center.

Bibliography

Consumer Education

- 1-73
ATTITUDES TOWARD THE BAN ON CYCLAMATES.
Eliot Spalden Parson
J Am Diet Assoc 56 (6): 524-526. Jun 1970.
389.6 A334
Attitudes, Consumer economics, Consumer protection, Food additives, Food standards and legislation, Sugar substitutes, Surveys.
Abstract: 243 consumers tested as to their knowledge of the fall 1969 ban on cyclamates showed a good grasp of the facts stated in the announcement. They indicated a willingness to comply with the ban by discontinuing use of cyclamate-containing products. Gratitude for the government's protection was expressed by more than 80 per cent of these consumers. Dietitians in 32 hospitals and nursing homes reported the responses of their dietary departments to the ban. Approximately one-third had completely discontinued use and another third had curtailed the use of cyclamates. The dietitians considered cyclamates useful in therapy for diabetes or obesity, but were willing to cooperate with the governmental decision.
- 2-73
BUDGETING BY FOOD GROUPS.
Family Econ Review 21-22. Sept 1972.
A321.9 R31
Budgeting, Budgets, Consumer economics, Food groups.
Abstract: This article explains how to get a good diet at lower cost by using a larger share of each dollar for milk and milk products, vegetables and fruit, and cereals and baked goods; and less of each dollar for meats and other foods such as fats, sweets, coffee, soft drinks, and so on.
- 3-73
THE CASE FOR INGREDIENT DISCLOSURE.
Leonard Clani
Food Prod Dev 51(2): 80. Apr 1971.
HD9000.LF64
Consumer education, Consumer protection, Food composition (A. P.), Food standards and legislation, Labeling.
Abstract: With increased consumer awareness and consumer protection, it is likely that full ingredient disclosure may be required for all foods, including those with a Standard of Identity. The author encourages food processors and manufacturers to begin full disclosure of ingredients on labels on the theory that customers will be pleased with the producer's openness rather than misled by the long chemical names on the labels. Also, full disclosures will make the food industry itself a contributor to the public good by preventing the use of potentially harmful or deleterious additives.
- 4-73
COMMUNICATING WITH THE CONSUMER: BASIC RESEARCH ON NUTRITION AND SAFETY: SPECIAL REPORT: PART III.
R B Alfin-Slater
Food Prod Dev 51(5): 62-66. Aug/Sept 1972.
HD9000.LF64
Consumer education, Dietary standards, Food additives, Food analysis, Nutrition, Research, Safety.
Abstract: This article discusses the synthetic food additives which manufacturers insist are necessary to supply the public with the convenience foods they demand, and which consumer groups feel are unsafe, hazardous, and insufficiently tested. The author describes various studies done in this area.
- 5-73
COMMUNICATING WITH THE CONSUMER: FOOD AND NUTRITION PRESS INFORMATION SERVICE: SPECIAL REPORT: PART III.
Howard C Harder
Food Prod Dev 51(5): 66-68. Aug/Sept 1972.
HD9000.LF64
Consumer education, Information centers, Information needs, Information processing, Information services, Nutrition.
Abstract: This article announces the opening of a Food and Nutrition Information Service created by CPC International, Inc. It will operate primarily by referring reporters, writers, editors, and other interested parties to those scientific sources in both public and private institutions recognized as authorities in their fields. The Service advocates no particular point of view on any given subject. The aim of the Service is solely to clarify the relationship between nutritional science and food.
- 6-73
COMMUNICATING WITH THE CONSUMER: NATURAL AND SYNTHETIC NUTRIENTS: SPECIAL REPORT: PART III.
Karl Folkers
Food Prod Dev 51(5): 61-62. Aug/Sept 1972.
HD9000.LF64
Consumer education, Food analysis, Food industry, Fortified foods, Nutrient values, Nutrients, Synthetic foods.
Abstract: The author gives a brief sketch of the history of the discovery of natural nutrients and how they came to be synthesized chemically. The production of synthetic nutrients in vast quantities became a boon to man by making it possible to nutritionally improve the food he eats and so benefit his health and prolong his life span. The author suggests that the population be informed about these synthetic nutrients by presenting them in terms of their relationship to corresponding natural substances.
- 7-73
COMMUNICATING WITH THE CONSUMER: SAFETY OF FOOD SUPPLY: SPECIAL REPORT: PART II.
E M Foster
Food Prod Dev 51(4): 76-80. Jun/Jul 1972.
HD9000.LF64
Additives and adulterants, Botulism, Consumer education, Food and Drug Administration, Food industry, Food standards and legislation, Foodborne diseases, Salmonellosis, Toxicity.
Abstract: The author argues that the American food supply is "far safer than some would have us believe", and offers statistical evidence to this effect, although he concedes that "the fact is we don't really know how much food poisoning there is in this country but there has to be a lot of it. Most incidents are never diagnosed and reported." Food additives are necessary to convenience foods, and the author feels that the safety of the consumer is adequately protected by regulatory agencies and the enlightened self-interest of the food industry. He is "yet to be convinced by the allegations that our regulatory agencies are in cahoots with the businesses they control to the detriment of the consumer", although he later mentions that "until now FDA has done relatively little direct testing of food additives for safety. This is considered the responsibility of the manufacturer." In conclusion, he describes the activities of the research institute he directs. This institute, which receives "a substantial part" of its budget from the food industry, performs research for the FDA and teaches food microbiology to FDA inspectors.
- 8-73
CONSUMER EDUCATION TO MINIMIZE THE ABUSE OF FOODS.
Margaret R Stewart
Nutr Program News 1-4. Nov/Dec 1971.
1.982 A2N955
Consumer education, Food handling, Food preservation, Food sanitation, Nutrition education.
Extract: In this issue of Nutrition Program News we have defined a problem, namely food abuse by consumers, and have discussed the need for action to reduce the incidence of this abuse. Modes of action, suggested by the Food Protection Panel on Consumer Education at the National Conference on Food Protection, have been presented. The members of this panel feel that consumer education on food abuse should receive greater consideration and funding. They recommend that a committee of experts in fields related to consumer protection, including the biological, behavioral, and social sciences, be formed to summarize and recommend actual plans for implementation of a program designed to reduce consumer abuse of foods.
- 9-73
CONVENIENCE AND THE COST OF FOOD.
Betty Peterkin, Cynthia Crewell
Family Econ Review 9-10. Jun 1971.
A321.9 R31
Consumer economics, Convenience foods, Cost effectiveness, Processed foods.
Abstract: Although convenience foods are quick and easy to prepare, they often cost 3 times as much as their ingredients purchased separately. The author shows the relative costs of ingredients vs fully prepared foods for complete dinners, main dishes, and bakery products. He points out that the excess costs may be worth it if the cook has little time or skill.
- 10-73
CONVENIENCE AND THE COST OF POTATOES AND ORANGE JUICE.
Cynthia Crewell
Family Econ Review 9-11. Sept 1971.
A321.9 R31
Consumer economics, Convenience foods, Cost effectiveness, Juices, Oranges, Potatoes, Processed foods.
Abstract: This article explains how the built-in convenience qualities of most processed potato products and orange juice frequently result in lower cost to the consumer.
- 11-73
COST OF FOOD AT HOME.
Family Econ Review 8-5: 22-23. Sept 1972.
A321.9 R31
Consumer economics, Costs, Foods.
Abstract: Cost of food at home, estimated for food plans at three cost levels, June, 1972, U.S. average.

12-73

12-73

THE COST OF MEATS AND MEAT ALTERNATES.

Betty Peterkin

Family Econ Review 10-11, Dec 1972.

A321.9 R31

Consumer education, Food cost analysis, Food substitutions, Meat.

Abstract: Dry beans and peanut butter were the most economical sources of protein according to this study made in August, 1972. Next, in order, were eggs, whole raw chicken, canned bean soup, beef liver, hamburger, tuna, American cheese, whole hen, round steak, frankfurters, rib roast of beef, pork sausage, salsas, and sliced bacon. Cost of 20 grams of protein ranged from \$.06 for dried beans to \$.52 for bacon.

13-73

THE COST OF MILK AND MILK PRODUCTS AS SOURCES OF CALCIUM.

Judy Chessey

Family Econ Review 12-15, Dec 1972.

A321.9 R31

Calcium, Food cost analysis, Milk, Milk products, Nutrient values.

Abstract: The most economical sources of calcium among milk products (at May, 1972, Washington, D.C. supermarket prices) were non-fat dry milk and evaporated milk, at \$.03 and \$.05, respectively, per calcium-equivalent portion. Most expensive was cream cheese at \$.58. Whole fluid milk came in at \$.07.

14-73

COST OF RAISING A CHILD.

Joan L. Panrock

Family Econ Review 13-17, Mar 1970.

A321.9 R31

Child rearing practices, Consumer economics, Costs, Demography, Surveys.

Abstract: Bringing up a child in the United States can be an expensive proposition. This article enumerates the costs of rearing a child for the first 18 years in various regions of the U.S. Costs are broken down by food, clothing, housing, medical care, education, transportation, and other expenses.

15-73

DETERGENTS AND OUR WATER.

Hervey Alter

Family Econ Review 7-9, Jun 1971.

A321.9 R31

Detergents, Dishwashing, Pollution, Water.

Abstract: There has been much public concern in recent years over the effects of laundry detergents dumped into the nation's waterways. This article describes the action of phosphorous (which stimulates the growth of lower plant forms) and AOS surfactants (that are only artificially biodegraded in the ecosystem).

16-73

CONSUMER BEHAVIOR.

James F. Engel, David T. Collett, Roger D. Blackwell

New York, Holt, Rinehart and Winston 652 p. 1966.

HF5415.2.E5 F6N

Consumer economics, Cultural factors, Food preferences, Food selection, Management, Marketing, Merchandise information, Models, Purchasing.

Abstract: This is a scholarly work that describes and evaluates the extensive body of behavioral and marketing research on the consumer. The authors advance generalizations based on studies of consumerism and assess the marketing implications of the various processes and facets of consumer activation and behavior.

17-73

ENRICHMENT FACTS FOR THE CONSUMER.

Patricia M. Thomas

Family Econ Review 7-8, Jun 1972.

A321.9 R31

Consumer education, Enrichment, Enrichment agents, Labeling, Nutrient content determination, Nutrient values.

Abstract: This article tells the consumer how to spot for enriched products, what to look for on the label, and why enriched foods are a better buy than the same products not enriched.

18-73

FF INDUSTRY MUST GAIN CONSUMERS' CONFIDENCE IN N-UTRITION VALUES.

Quick Frozen Foods 34 (11): 45, 83, June 1972.

389.8 J4

Consumer economics, Food industry, Frozen foods, Marketing, Nutrient values.

Abstract: Research directors of three food processing companies have called for new research data and an increased educational effort to alleviate consumer fears about the nutritional value and safety of frozen foods. One director noted that "we have been successful in producing a cookless, decent, convenient breakfast for hungry school children. Now we must give them nutritious hot meals." He went on to enumerate the advantages of pre-plated frozen foods for school lunches.

19-73

FACT OR FANCY?

J. R. Myers, A. C. Avery

Cooking for Profit 40 (246): 36-38, June 1971.

TX901.C6

Convenience foods.

Abstract: Twelve statements, frequently made about convenience foods, with explanation whether the statements are true or false.

20-73

FOOD PRODUCT DATING.

Family Econ Review 16-17, Sept 1971.

A321.9 R31

Consumer protection, Food standards and legislation, Labeling, Open dating.

Abstract: This article presents the pros and cons of open dating and discusses the question of what dates should be used.

21-73

FOOD RETAILERS HELP TEACH FOOD BUYING.

Priscilla G. Bernmann

J Nutr Educ 5 (1): 21-23, Jan/Mar 1973.

TX341.J6

Consumer education, Extension education, Foods, Marketing, Retailing.

Abstract: This article describes how Kroger Stores in Georgia conducted five training sessions on food buying for aides from the Expanded Food and Nutrition Education Program. The sessions translated basic marketing principles, as they affect food prices, into axioms for thrifty food buying.

22-73

FOODSERVICE INDUSTRY MOUNTS CRUSADE TO CONSERVE NATURAL GAS.

Cooking for Profit 40 (246): 47-48, Aug 1971.

TX901.C6

Energy, Food service industry.

Abstract: A plea to conserve natural gas, an important fuel in the food service industry, together with a check list of ways in which natural gas may be saved.

23-73

BETTER LIVING THROUGH BETTER EATING.

Mary T. Goodwin

Montgomery County, Maryland, Health Dept., Nutrition Services

Rockville, Md. 48 p. 1973.

TX765.G6 F6N

Consumer education, Food purchasing, Recipes.

Abstract: Today's shopper requires more knowledge, awareness, and skill than in the olden days. The proliferation of synthetic, fabricated fake foods, misleading claims of advertising, awakening to the importance of good nutrition, and soaring food prices, present challenges to the food shopper like never before. More interest is being focused on why we eat as well as what we eat. The purpose of this booklet is to provide some information on nutritious foods, how to shop for them, and prepare them. Suggestions are made for new adventures with wholesome foods. After the opening chapters on protein foods, inexpensive sources of protein, and how to get the best value when shopping, a large number of recipes are provided for making the most of these nutritious protein foods.

24-73

LABELS THAT TELL YOU SOMETHING.

J Home Econ 64 (4): 28-33, Apr 1972.

J21.A J82

Consumer economics, Consumer education, Food service industry, Labeling.

Abstract: Consumers want and need more information on food labels; they are no longer willing to select on the basis of manufacturer's advertisement and claims. Nutritional labeling should be included.

25-73

BUYING NUTRITION.

Maine, University, Cooperative Extension Service

Lucy F. Shelve, Gene M. West

Orono, Me. und. 1962.

TX356.M3 F6N (Maine, University, Cooperative Extension services, Pamphlet 78)

Budgeting, Consumer education, Food purchasing, Food storage, Nutrition.

Abstract: This pamphlet provides basic food buying information for homemakers. The emphasis is on providing nutritious meals on a budget, what foods to buy, how to buy them, and how to store them prior to cooking.

26-73

MEAT PURCHASING (FILM LOOP).

Marriott Training Consultants

Washington, Marriott Training Consultants 1 cassette, 35mm,

sd, col, 15 min. (n.d.).

TX356.M4 F6N AV

Food grades, Food purchasing, Food service training, Food yields, Meat, Specifications.

Abstract: This training filmstrip provides a general explanation of the more important facets of meat purchasing, including inspection, grading, yield-grading, specifications, and purchasing procedures.

27-73

HOW AMERICANS USE THEIR DAIRY FOODS.

National Dairy Council

W T Butz

Chicago, Ill. 19 p. 1970.

PAGE 2

- TX377.43 F54
Food economics and consumption, Milk, Milk products, Statistical data.
Abstract: This booklet provides data on sales of dairy products, consumption and production in this and other countries, the quantities required to produce other dairy foods, and the contribution of milk products to the total national intake of nutrients.
- 28-73
NEW REGULATIONS ON "CENTS-OFF" PROMOTIONS.
Family Econ Review 3: 15, Dec 1971.
A324.9 J31
Advertising, Consumer economics, Costs, Food and Drug Administration, Food standards and legislation, Labeling, Merchandising.
Abstract: This article explains the federal regulations governing the use of "cents-off," "introductory offer," and "everyday size" claims on packages of food and nonfood household commodities.
- 29-73
NUTRITION EDUCATION: AN INTEGRAL PART OF CONSUMER EDUCATION.
Mary M Hill
Nutr Program News 1-4, May/Jun 1970.
1.982 A24955
Consumer education, Dietary standards, Nutrition education.
Abstract: This issue presents information on the contents and approaches of nutrition education programs for consumers. The minimal level of nutrition knowledge is outlined, and the special needs of various age groups are described.
- 30-73
OPEN DATING.
F. Holleran
Food Technol 25 (4): 29, 30, 33, Apr 1972.
389.8 F7393
Consumer economics, Consumer education, Consumer protection, Food packaging, Food standards and legislation, Labeling.
Abstract: The wave of consumer dissatisfaction, distrust and loss of confidence in the food industry which has led to the demand for open dating is discussed. Proposed open dating systems and the status of open dating legislation on the federal and state levels are reviewed. The article closes with an in-depth analysis of the benefits and detriments of open dating to the corporation and the consumer.
- 31-73
ORGANIC FOODS.
Cynthia Crowell
Family Econ Review 3-5, Sept 1972.
A321.9 J31
Advertising, Consumer economics, Cost effectiveness, Food standards and legislation, Merchandising, Organic foods.
Abstract: This article discusses discrepancies in the labeling and merchandising of organic foods, and compares the costs of organic and non-organic foods.
- 32-73
PERCENT OF INCOME SPENT FOR FOOD: ESTIMATES FROM NATIONAL INCOME AND HOUSEHOLD SURVEY DATA.
Fredericka Burling, Corinne Le Bovit
Nat Food Situation 4FS-137: 22-30, Aug 1971.
1.941 S2F73
Economic influences, Expenditures, Food economics and consumption, Surveys.
Abstract: Several sources of data used to derive the percentage of disposable income spent for food are compared and reasons for differences in concept and in procedure are examined. Data from different sources were adjusted for comparability. Percentages calculated from the adjusted data from the Consumer Expenditures Survey and the national income accounts were nearly the same; percentages calculated from the Household Food Consumption Surveys were much higher. CES data are more representative of a median family, while NIA data are useful as indicators of the trends for the national economy.
- 33-73
QUALITY ASSURANCE--TODAY & TOMORROW.
E. A. Frank
Food Technol 24 (10): 44-47, Oct 1970.
389.8 F7393
Consumer education, Consumer protection, Food quality, Food standards and legislation, Measurement, Nutrition education, Safety.
Abstract: Although we have the best and safest food supply in the world, the U.S. is a nation of food neurotics. Consumers' concern regarding food safety and nutrition is increasing because the press reports only the negative side of food news, and because there is a lack of positive leadership in the food industry. To offer consumers assurances of the quality of our food supply today and tomorrow, the food industry must: develop foolproof protocols for the testing of safety; promote nutrition education; educate the consumers to be authentic in advertising; and study changing food patterns.
- 34-73
SELECTION OF FOODS (FILM LOOP), PRODUCE BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellfleet, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. Ind., I.
- TX364.54 F6N AV (Vocational Library: food management--preparing to cook series.)
Consumer education, Food selection, Foods instruction.
For use in a Technicolor cassette projector.
Abstract: This motion picture illustrates what should be considered when buying food and preparing to cook it. Food should be checked for (1) nutritional value and balance, (2) quality and freshness, and (3) cost of the food. Seasonal foods and preserved foods (canned and frozen) are also shown and the cost calculated by season and grade of food.
- 35-73
SIMULATION IS THE NAME OF THE GAME.
L. Ferris
J Home Econ 65 (2): 12-14, Feb 1973.
321.8 J82
Consumer education, Utilities.
Abstract: Consumer education program designed for low-income clients, and with particular emphasis on public utilities.
- 36-73
START NOW TO THINK METRIC.
M. Warning
J Home Econ 64 (9): 18-21, Dec 1972.
321.8 J82
Consumer education, Metric system.
Abstract: Five stages of consumer education listed; reasons for conversion and legislative status are included.
- 37-73
THIS IS USDA'S CONSUMER & MARKETING SERVICE. Revised.
U.S., Consumer and Marketing Service
Washington, D.C. 30 p. illus. 1968.
TX358.U522 F6N
Consumer economics, Federal government, Food grades, Food programs, Food standards and legislation, Marketing.
Abstract: This booklet lists the programs and services available through the U.S. Department of Agriculture for farmers, consumers, marketers of food and farm products.
- 38-73
INSPECTION, LABELING, AND CARE OF MEAT AND POULTRY: A CONSUMER EDUCATION GUIDE.
U.S., Consumer and Marketing Service
Washington, D.C. 49 p. 1971.
TS1975.U5 F6N (U.S. Consumer and Marketing Service. Agriculture handbook 416)
Food grades, Food inspection regulations, Food preservation, Food standards and legislation, Meat, Poultry, Sanitation, Storage, Teaching guides.
Abstract: The objectives of this booklet are to develop an understanding of: meat and poultry inspection programs, their history, coverage and importance to consumers; the U.S. Department of Agriculture's labeling and standards program and how consumers can use labels in deciding what to buy; and the care necessary to keep meat and poultry products wholesome after they leave the store.
- 39-73
FOOD - THE YEARBOOK OF AGRICULTURE 1959.
U.S., Dept. of Agriculture
Washington, D.C. 736 p. 1959.
S21.A35 1959 F6N
Costs, Dietary standards, Food preparation, Food quality, Foods, Foods instruction, Health, Nutrients, Nutrition education.
Abstract: This yearbook is a collection of writings on the subject of food. Most chapters are directed to the housewife, but many also concern students, farmers, teachers, food service administrators and technicians. Topics covered are (1) nutrients, (2) health, (3) food allowances, (4) food needs for specific situations, (5) food quality, (6) food preparation and costs, (7) food trends, (8) education about food, and (9) feeding great numbers of people.
- 40-73
HOW TO BUY POULTRY; COMO COMPRAR LAS AVES CORRAL. Spanish ed. (SPA)
U.S., Dept. of Agriculture
Washington, G.P.O. Dec 1972.
TX358.U523 F6N (U.S. Agricultural Marketing Service. Home and garden bulletin no. 157-5)
Consumer education, Cooking instruction, Food classification, Poultry, Storage.
Extract: Knowing quality grades for poultry and the class (age) of chickens, turkeys, and other poultry can help consumers make better choices at the supermarket. The pamphlet also gives tips on storing and cooking poultry.
- 41-73
GUIDE TO FEDERAL CONSUMER SERVICES.
U.S., Office of Consumer Affairs
Washington, D.C. 181. 1971.
TX335.U5 F6N
Consumer economics, Consumer education, Federal government, Guides.
Abstract: This guidebook is intended to inform people of the vast array of consumer services offered by the Federal government. Among these are environmental and consumer product information programs, toy safety, nutrition, credit abuses, food and drug inspection and control. Many other services are discussed, telling the consumer what these services are and where

42-73

he can obtain these.

42-73

UNIT PRICING AND OPEN DATING.

Eileen F Taylor

Family Econ Review 3-6, Jun 1972.

A321.9 R31

Consumer education, Consumer protection, Merchandising, Open dating, Unit pricing.

Abstract: This article explains (1) unit pricing and how it helps the consumer select the best buy, and (2) open dating and the significance of pack dates, pull dates, quality assurance dates, and expiration dates.

43-73

NECTARINES: FRUIT & VEGETABLE FACTS & POINTERS. 3d ed.

United Fresh Fruit and Vegetable Association

R A Seelig

Washington, D.C. 12 p. 1971.

HD925W.44U5 F6N (United Fresh Fruit and Vegetable Association. Fruit and vegetable facts and pointers)

Agriculture, Food economics and consumption, Fruits, History, Marketing, Nectarines, Stone fruits.

Abstract: This report deals with marketing fresh nectarines and related subjects: botany, geography and climate, history, uses, production, value, marketing season, sources of supply by months, starting dates for harvest, varieties, growing, containers and packing, transportation, storage and temperature, standards, marketing order, quality from consumer viewpoint, prices, retailing, selling words and phrases, composition and nutritional value, and references.

44-73

SELECTION AND CARE OF FRESH FRUITS AND VEGETABLES: A CONSUMER'S GUIDE.

United Fresh Fruit and Vegetable Association

R A Seelig

Washington, D.C. 40 p. illus. 1971.

TX391.J5 F6V

Consumer education, Food selection, Fresh foods, Fruits, Storage, Vegetables.

Abstract: This consumer's guide covers the selection and care of eighty-six different commodities, from anise to watercress. A few general principles applicable to most vegetable foods are also included.

45-73

WHAT THE CONSUMER EXPECTS OF QUALITY ASSURANCE.

P R Hitt

Food Technol 24 (10): 56, 59, Oct 1970.

389.8 F7398

Consumer economics, Consumer education, Consumer protection, Food quality, Food standards and legislation, Marketing.

Abstract: The consumer expects quality assurance to insure for him a product he can trust. This expectation is being demanded by more and more consumers in louder and louder voices. The steps government consumer-protection agencies are taking to assure that the consumer gets what he wants are discussed. These steps are: promoting consumer education; stimulating greater responsibility on the part of businessmen; and promulgating consumer-protection legislation.

EATING AND AGING.

Lillian E Troll

J Am Diet Assoc 59 (5): 456-459, Nov 1971.

389.8 A434

Elderly (65+ years), Nutrition, Sociology, Therapeutic and special diets.

Abstract: The dilemma in considering the nutrition of the elderly involves what has probably been a life-long satisfactory way of eating on one hand and on the other, the inevitable physical and social changes of aging which change former good things to contraindicated status. Some of the contradictory "facts" of the matter should and can be reconciled, as the author explains.

46-73

TALK FIRST--SUMMARY OF GROUP REPORTS. VOLUME OF THE SCHOOL FOOD SERVICE IN NUTRITION EDUCATION.

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971, p 76-79, July 1972. 1971. LB379.J5K3 F6N

Food service supervisors, Nutrition education, School food service.

Abstract: This section of the proceedings covers "Talk First" held during the seminar. Participants were divided into groups for discussion to gain insight into the role of the school

feed service and in particular the feed supervisor in nutrition education. Questions relating to this objective were discussed and pertinent points from the discussions are included.

47-73

ARA SELLS A 'RAINBOW' LUNCH.

M B Crimmins

Sch Foodserv J 26 (4): 89-90, Sep 1972.

389.8 SCH6

Food service management, Nutrition education, School food service, School lunch programs, Secondary education.

Abstract: Peer nutrition education, and smaller type A lunch selection in the secondary schools is a problem for school food service managers. One plan devised to overcome this is the Rainbow Lunch. The ARA Rainbow System uses four colors to identify major parts of a type A lunch: red, proteins; green, fruits/vegetables; yellow, fruits/vegetables providing high sources of Vitamin C; and blue, milk.

48-73

ASAO RESOLUTION AFFIRMS DEDICATION TO EDUCATIONAL AND FOOD SERVICE NEEDS OF STUDENTS.

American School Food Service Association

Sch Lunch J 24 (2): 80, Feb 1970.

389.8 SCH6

Budgets, Children, Education, Nutrition, School food service.

Abstract: Resume of presentation made at the organization's meeting, Detroit, Aug. 7, 1969, affirming dedication to student needs in education and food service.

49-73

ACCURACY OF 24-HR. RECALLS OF YOUNG CHILDREN.

Lillian Emmons, Marian Hayes

J Am Diet Assoc 62 (4): 409-415, Apr 1973.

389.8 AM34

Children, Dietary study methods, Evaluation, Recall.

Abstract: Children, grades 1 through 4, were asked to make 24-hr. recalls of their food intake, and mothers of the same children were asked to recall their children's diets for the same period. The majority of mothers and children listed each food group the same number of times. The children's recalls of school lunches were checked against food known to have been eaten. Their ability to recall correctly improved with age. First graders recalled an average of 60.5 per cent of the foods and pupils in grade 4, an average of 80.6 per cent.

50-73

ACTION ON TEENAGE NUTRITION.

Joanne Pearson

Nutr Program News 4 p. Jan/Feb 1973.

1.982 AZH955

Adolescents (12-19 years), Conferences, Florida, Georgia, Nutrition education, Texas.

Abstract: The Interagency Committee on Nutrition Education sponsored a Program on adolescent nutrition at the 1972 annual meeting of the American Dietetic Association. The focus of the program was on teenage nutrition activities in Georgia, Florida, and Texas. Speakers from each state outlined their efforts.

51-73

ADVANCES IN FOOD RESEARCH; VOLUME 18.

C D Chichester, E M Mark, G F Stewart

New York: Academic Press 322 p. 1970.

TX537.A5 F6N

Ascorbic acid, Bacteria, Fish, Flavor, Food processing, Food science, Meat, Proteins, Toxic animals.

Abstract: This volume includes articles on meat flavor, microbial sources of proteins, toxins from fish and other marine organisms, flat sour bacteria, and food processing with added ascorbic acid.

52-73

ADVENTURES IN NUTRITION EDUCATION RESOURCES NO. 1 -- NUTRITION EDUCATION RESOURCE MATERIALS PRESENTATION WITH EMPHASIS GIVEN TO THE ROLE OF THE SCHOOL FOOD SERVICE.

Jean Kendrick

In Proceedings of the Nutrition Education Seminar,

Florida Agricultural and Mechanical Univ., 1971, p 121-124, July 18/24, 1971.

LB3479.U5 F6N

Nutrition education, School food service.

Abstract: This presentation discusses nutrition education resource materials used for four different purposes: 1) to enhance a teacher's knowledge of nutrition education 2) to coordinate resources for a multifaceted approach, to emphasize good nutrition through the presentation of deficiency diseases and 4) to relate the school food service to a total nutrition program.

53-73

THE GOOD FOODS BOOK.

Unaska Area Native Health Service, Nutrition & Dietetics Branch

Anchorage, Alaska 28 p. illus. 1972.

LB1587.N4A4 F6N

Elementary education, Instructional materials, Nutrition education, Workbooks.

Abstract: This is a coloring book designed to teach children about the four food groups -- meats, milk, bread and cereals, and fruits and vegetables. Well-known food items from each group are pictured, along with a line or two of information

Nutritional Science and
Nutrition Education

PAGE 4

about cooking and nutritive value.

54-73

ALCOHOLIC MALNUTRITION (SLIDES); NUTRITION TODAY; TEACHING AID NUMBER 9. DISTRIBUTED BY NUTRITION TODAY, WASHINGTON, DC. Frank L Iber
Nutrition Today
Washington, Nutrition Today 15 slides, 2" x 2", color, 1971. RC62C.5.A4 F6N AV (Nutrition Today; teaching aid number 9) Alcoholic beverages, Alcoholism, Instructional aids, Malnutrition, Nutrition education.
Kit includes: 16 slides and 6 syllabuses.
Abstract: "Never take more than a liter of wine a day" is a rule promulgated by the French Academy of Medicine. A liter of wine contains about all the ethyl alcohol a man's liver can metabolize in a day. More than a liter leads to an accumulation of alcohol in the blood and the tissues and thus to inebriation. Chronic inebriation can lead to alcoholism. The author traces the nutritional effects of alcohol, both direct and indirect, and the diet therapy needed in the treatment of alcoholic malnutrition.

55-73

ALEXANDER'S BREAKFAST SECRET (FILMSTRIP); MADE BY INSTRUCTIONAL DYNAMICS, INC. DISTRIBUTED BY CEPEL INSTITUTE. Cereals Institute, Inc.
Chicago, Instructional Dynamics 1 filmstrip, 51 Fr., col., 35mm and monodisc; 33 1/3 rpm, 1971. TX364.A4 F6N AV
Breakfast, Elementary education, Meal patterns, Nutrition education.
With an additional activity record having three songs on one side and a sound discrimination game on the other; five duplicating masters for activity sheets; and a twelve page teacher's guide.
Abstract: This is a nutrition learning kit for pre-primary and primary students, featuring Alexander, a talking dog. It is designed to help students understand and explain the importance of a good breakfast; identify foods appropriate to a good breakfast; recognize and identify common morning and breakfast sounds; and understand that breakfast cereals are made from grains.

56-73

ALL CALORIES DON'T COUNT - PERIAPS. George E Schaaf
Nutr Today 6 (5): 16, 21-24. Sept/Oct 1971. RA754.N6
Caloric values, Therapeutic and special diets, Weight control.
Abstract: The author feels that most weight-reduction diets fail because they require the indiscriminate curtailment of calories. He concludes that: "It seems more logical to consider those factors involved in fat production and fat loss as the basic fundamental principles on which to base the treatment of obesity than to restrain the time-worn principle of energy input versus energy output."

57-73

THE ALLURE OF FOOD CULTS AND NUTRITION QUACKERY. Hilde Bruhn
J Am Diet Assoc 57 (4): 316-320. Oct 1970. 359.A A434
Attitudes, Food beliefs, Food fads, Food habits, Food misinformation, Food quackery.
Abstract: The allure of quackery and cults has such complex and deep-reaching roots that it is impossible to discuss more than a few general points in a brief paper. The question of why people turn to quackery instead of to the legitimate health profession can also not be understood in isolation. It is not sufficient, as is frequently done, to denounce the victims of quackery as uneducated, ignorant, superstitious, and gullible, as seekers of magical cures who want something for nothing in a quick and easy way. All these features play a role, but focusing on them alone offers no basis for correcting the state of affairs. Such behavior, unreasonable and wasteful as it appears to be, must also be listened to for the message it conveys, namely, that in some important respects, our rational scientific approach fails to fulfill the desperate needs of suffering people, and it is to these needs that quacks and cultists address themselves.

58-73

FOOD: PROTEINS FOR HUMANS. Aaron M Altschul
Washington, D.C., ACS 14 p. 1969. TX353.A55 F6N
Developing nations, Food economics and consumption, Food supply, Food technology, Malnutrition, Proteins, Synthetic foods.
Abstract: In this article the author discusses the 3 main effects of overpopulation and poverty on protein intake and food consumption in general: (1) inability to buy enough food; (2) inability to buy food of adequate quality; (3) inability to select food of adequate aesthetic quality. The impact of food technology on the alleviation of hunger, especially in developing nations, is discussed in detail. The author points out the need for protein foods, the kinds of protein foods presently available, and potential sources of protein for future human consumption.

59-73

AMERICAN SCHOOL FOOD SERVICE ASSOCIATION BLUEPRINT FOR SCHOOL FOOD SERVICE AND NUTRITION EDUCATION.
American School Food Service Association
Sch Lunch J 24 (2): 54-56. Feb 1970. 349.3 SCH6
Nutrition education, School food service.
Abstract: Outlook based on educational potential of proper school nutrition programs, with goals for 1971, 1975, and 1980.

60-73

NUTRITION FOR ATHLETES: A HANDBOOK FOR COACHES. American Association for Health, Physical Education, and Recreation
Washington, D.C. 56 p. 1971. TX361.A8A4 F6N
Adolescents (12-19 years), Dietary standards, Dietary supplements, Diets for athletes, Hygiene, Nutrition, Nutrition education, Physical education, Teaching guides.
Abstract: This handbook is written for athletic coaches and others who provide nutritional information and guidance to young athletes. The purpose of the handbook is twofold: to review briefly the content of a good basic diet, which should be the foundation of all eating patterns, and to analyze, in particular, current theories and practices as they relate to nutrition and athletic performance. Application is made here largely to the teenage period, a wide span which covers Junior and senior high school and the early college years. However, general principles are relevant beyond the teens as well. Contents of the handbook appear under four major subject groupings: basic nutritional needs of teenage athletes; with accompanying dietary recommendations; general considerations of nutrition and diet during periods of athletic training; special problems relating to eating and drinking before, during, and after athletic events; and examination and evaluation of nutritional claims made for dietary supplements which are promoted for the use of athletes.

61-73

DUDLEY THE DRAGON. American Dental Association
Chicago, Ill. 15 p. illus. 1971. RK61.A4 F6N
Cartoons, Dental health, Elementary education, Health education.
Abstract: This is a cartoon story designed to teach children about good dental care. It tells of Dudley, a dragon who doesn't take care of his teeth, and how a schoolboy named Hewie teaches him to brush his teeth and eat the right foods. As a result, Dudley the Dragon begins preselytizing about good dental habits, and peoples from round about come flocking to his cave to learn from him how to take care of their teeth.

62-73

EXERCISE TESTING AND TRAINING OF APPARENTLY HEALTHY INDIVIDUALS: A HANDBOOK FOR PHYSICIANS. American Heart Association
New York 40 p. 1972. RA781.A4 F6N
Cardiovascular disorders, Clinical diagnosis, Health, Hygiene, Testing.
Abstract: This handbook, prepared by a group of physicians, was produced at the invitation of the American Heart Association's Central Committee for Medical and Community Programs. It is offered as an aid to the physician whose patient asks for medical advice before beginning a regular program of exercise. Realistic guidelines are given for exercise testing and prescribing among apparently healthy persons. Means are suggested for deriving maximal benefit from physical activity programs and for minimizing the hazards associated with inappropriate increases in activity.

63-73

NUTRITION/CARDIOVASCULAR REVIEWS, 1970-1971. American Heart Association
N.p. 96 p. 1972. RC682.A4 F6N
Bibliographies, Cardiovascular disorders, Dietary surveys, Literature reviews, Metabolic studies, Nutrition, Research, Therapeutic and special diets.
Abstract: This annotated bibliography is a review of current professional literature directly related to nutrition and heart disease for the year of 1970-1971. The abstracts are of articles of particular interest to nutritionists working in heart disease control. They cover not only the medical field, but also new developments reported in food production, food service, and in government.

64-73

HANDBOOK OF NUTRITION: A SYMPOSIUM PREPARED UNDER THE AUSPICES OF THE COUNCIL ON FOODS AND NUTRITION OF THE AMERICAN MEDICAL ASSOCIATION. 2d ed.
American Medical Association, Council on Foods and Nutrition
Chicago, Ill. 717 p. 1951. OP141.A64 F6N
Deficiency diseases and disorders, Dietary standards, Nutrient values, Nutrients, Nutrition.
Abstract: This handbook is a symposium by leading authorities in the field of nutrition. Articles are grouped in four sections--(1) individual nutrients, (2) nutritional needs, (3) nutritional deficiencies, and (4) foods and their nutritional

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PAGE 5

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- 65-73**
ANIMAL PROTEIN--KEYSTONE OF FOODS.
E F Cox, E F Binkerd, T P Crigler
Food Technol 25 (8): 50-54, Aug 1971.
389.6 F7398
Animal sources of foods, Food beliefs, Food consumption, Food preferences, Nutrient values, Protein foods, Proteins, Textured vegetable proteins.
Abstract: Current and future animal protein food consumption patterns; the nutritional value of animal proteins; religious beliefs affecting consumption of animal foods; and the future needs for fortifying animal protein with non-animal protein and fortifying non-animal protein with animal protein are discussed.
- 66-73**
AN ANTHROPOLOGIST VIEWS THE NUTRITION PROFESSIONS.
Hermann K Bleibtreu
J Nutr Educ 5(1): 11-13, Jan/Mar 1973.
TX341.36
Behavior change, Cultural factors, Dietitians, Food habits, Nutrition, Nutrition education, Occupational home economics, Social crises, Work attitudes.
Abstract: The author outlines the anthropological approach to food habits and nutrition, and then expands his approach into an analysis of the nutrition and dietetic professions. He feels that American nutritionists are over-organized and underdirected. Their typical response to a crisis is "more laws, more associations, more programs, more guidelines, more committees, and, alas, more meetings." Meanwhile the hungry stay hungry. He encourages nutritionists and dietitians to "shake off the all-female, home economics, underdog image," to stop regarding themselves as subservient auxiliaries of the medical and other male-dominated professions, and to attack malnutrition socially and politically at the grass roots level, rather than retreating into science and bureaucracy.
- 67-73**
THE APPLICATION OF NUTRITION INFORMATION TO PERSONS TRAINED IN FOOD SERVICE WHO DO NOT HAVE A DIETITIAN AS A CONTINUOUS RESOURCE OF NUTRITION INFORMATION.
A Jilivier
J Can Diet Assoc 32 (4): 206-209, Dec 1971.
389.6 C1632
Dietitians, Educational programs, Food service workers, Nutrition.
Abstract: A dietitian's experiences in supervising, training and consulting food service workers in a group of small hospitals for which she was a consultant. Describes educational programs and methods of communication used in gaining confidence of the workers and broadening their outlook.
- 68-73**
APPLYING LEARNING THEORY IN TEACHING NUTRITION.
Elizabeth R Mills
J Nutr Educ 4(3): 106-107, Summer 1972.
TX341.36
Activity learning, Behavior change, Food habits, Higher education, Nutrition education.
Abstract: This article presents a description of an individual teaching experience in which each student selects a person (as subject) who has poor food habits and teaches that person for a period of three weeks in effort to improve food intake.
- 69-73**
NUTRITION III: BASIC INFORMATION IN NUTRITION.
Arizona, Dept. of Public Instruction, School Lunch Division
Phoenix, Ariz., 1971.
OP141.A7 F6N
Body temperature, Deficiency diseases and disorders, Energy, Metabolism, Minerals, Nutrition, Proteins, Vitamins, Water.
Abstract: This publication outlines basic nutrition information, covering the various nutrients, how they are obtained, what they do, and how deficiencies and excesses can affect health. Also included is a brief history of energy metabolism research.
- 70-73**
ASSAYING THE AVAILABILITY OF IRON - TECHNIQUES, INTERPRETATIONS, AND USEFULNESS OF THE DATA.
Franklin C Bling
J Am Diet Assoc 50 (2): 114-121, Feb 1972.
389.6 A434
Analytical methods, Food analysis, Iron, Nutrient content determination.
Abstract: The author points out that there is disagreement about the best food sources of iron and about the best iron compounds, for use in fortifying food. A good bioassay method for the availability of iron should aid in reaching the answers on these practical matters. A new animal assay method now gaining acceptance gives values which are low for hitherto highly regarded food sources of iron. Low ratings are also assigned important iron salts. On critical examination, older assay methods, which give higher values, appear to be more reliable, but tend to be ignored. This author recommends that until the discrepancies can be studied, educators might well hold fast to the teachings of the thirties about human requirements for iron and good food sources for use in meeting them.
- 71-73**
ATTITUDES OF AIDES AND CLIENTS IN THE EXPANDED NUTRITION PROGRAM.
K Pritchard, M R Hall
J Home Econ 63 (7): 545-546, Oct 1971.
321.5 J82
Consumer economics, Food preparation, Home economics education, Home economics teachers, Nutrition education, Teacher aides.
Abstract: Work-oriented attitudes of home economic aides and low-income clients to aides showed that both benefited from expanded nutrition program.
- 72-73**
VITAMIN E: YOUR KEY TO A HEALTHY HEART.
Herbert Bailey
New York, ARC Books 203 p. 1970.
RM666.T65B3 F6N
Cardiovascular disorders, Deficiency diseases and disorders, Therapeutic and special diets, Vitamin E.
Abstract: This is the story of vitamin E written partially through the personal scientific and bodily experience of the author. The author pleads for the acceptance of vitamin E as treatment for cardiovascular disorders, and backs up his pleading with clinical, scientific evidence.
- 73-73**
A BALANCED DIET (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].
TX366.B34 F6N AV [Vocational Library: food management--food for health series]
Dietary standards, Food guides, Health education, Nutrition education.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates the importance of a balanced diet to the maintenance of good health.
- 74-73**
BALANCED NUTRITION THROUGH FOOD PROCESSOR PRACTICE OF NUTRIFICATION: MODEL EXPERIENCE IN SCHOOL FOOD SERVICE.
P A Lachance, R B Moskowitz, M H Winawer
Food Technol 26 (6): 30, 32, 33, 34, 36, 40, Jun 1972.
389.6 F7398
Food processing, Food service management, Nutrient values, School lunch programs.
Abstract: With the cooperation of 60 food processors, Rutgers has demonstrated, on a model basis, that the nutritional effectiveness of school feeding programs can be enhanced. This is accomplished through attention to: child tested food acceptances; selected micronutrient additions (nutrification) vis-a-vis an RDA goal to promote nutritional balance within and between food products; and, increased convenience through simplified food service techniques.
- 75-73**
THE DEVELOPMENT OF THREE INSTRUMENTS TO ASSESS FORCES BEHIND FOOD HABITS AND METHODS OF CHANGE.
Helen Frances Barbour
V.0. 160 p. 1973.
HO784.E3B3 F6N
Behavior change, Children, Disadvantaged youth, Food habits, Low income groups, Psychology, Research methodology, Value system.
Abstract: This study was undertaken to investigate the food related values of mothers in low-income families as a basis for arriving at implications for university food and nutrition curricula. Using an interview technique the values of economy, health, work efficiency, family life, education, and friendliness were tested on 42 mothers in Stillwater, Oklahoma. It was concluded that since family life ranked highest on the value scales, low-income mothers are most interested in relating to members of their family. It would thus appear that effective nutrition education should emphasize this value to motivate low-income mothers to change to nutritionally better food habits.
- 76-73**
BASAL METABOLIC RATE OF WOMEN - AN APPRAISAL.
Doris Elliot Fulton
J Am Diet Assoc 61 (5): 516-520, Nov 1972.
389.6 A434
Basal Metabolic Rate (BMR), Females, Metabolic studies.
Abstract: Results of 499 basal metabolism tests on sixty women, eighteen to seventy-four years of age, are reported. Compared with Mayo Foundation standards, 95 per cent of the tests were negative, a finding in agreement with other reports. If test results were raised 10 per cent, nearly all would have been within acceptable limits of normal variation, raising results 15 per cent would include 99 per cent of the tests, and 94 per cent would fall within the +10 or -15 per cent limit.
- 77-73**
BASIC HUMAN NUTRITION AND THE RDA.
Paul A Lachance
Food Prod Dev 6(8): 64-68, Dec/Jan 1973.
HO9050.L1.F64 [Nutrition for food executives: third in a series]
Food intake, Food preferences, Food standards and legislation,

Labelings, nutrient values, Nutrition, Recommended Dietary Allowances.

Abstract: This article notes that eating food and gaining nutrients are not the same thing. Food intake and taste preferences are closely tied to traditions, desires, and other factors having nothing to do with hunger. The author explains the concepts behind setting up the RDA system and shows how the RDA figures are used to calculate nutritive values.

78-73

441L YACU 14 (NUTRITION, PART I: MILK AND MEAT GROUP (TRANSPARENCIES)).

Margaret Mary Clarke
Minnesota Mining and Manufacturing Company, Visual Products Division

St. Paul, Minnesota Mining and Manufacturing Co. 20 transparencies, color, 5 1/2 x 11, 1971.
TX364.432 F64 A7

Food preparations, Food purchases, Food storage, Food substitution, Meat, Milk, Milk products, Nutrition education. For use with overhead projector. Includes a teacher's guide. Abstract: This collection of transparencies deals with the physiological aspects of meat and milk consumption. Meat and milk substitutes are explained, and instruction is given on the buying, preparation, and storage of milk and meat products.

79-73

BASIC VALUES IN NUTRITION, PART III: VEGETABLE-FRUIT GROUP (TRANSPARENCIES).

Margaret Mary Clarke
Minnesota Mining and Manufacturing Company, Visual Products Division

St. Paul, Minnesota Mining and Manufacturing Co. 20 transparencies, color, 5 1/2 x 11, 1971.
TX364.432 F64 A7

Food preparations, Food purchases, Food storage, Food substitution, Fruits, Nutrition education, Vegetables. For use with overhead projector. Includes a teacher's guide. Abstract: This collection of transparencies deals with the physiological aspects of fruit and vegetable consumption. Fruit and vegetable substitutes are explained, and instruction is given on the buying, preparation, and storage of fruit and vegetable products.

80-73

BASIC VALUES IN NUTRITION, PART III: BREAD-CEREAL GROUP (TRANSPARENCIES).

Margaret Mary Clarke
Minnesota Mining and Manufacturing Company, Visual Products Division

St. Paul, Minnesota Mining and Manufacturing Co. 20 transparencies, color, 5 1/2 x 11, 1971.
TX364.432 F64 A7

Food preparations, Food purchases, Food storage, Grain products, Nutrition education. For use with overhead projector. Includes a teacher's guide. Abstract: This collection of transparencies deals with the physiological aspects of bread and cereal consumption. Bread and cereal substitutes are explained, and instruction is given on the buying, preparation, and storage of bread and cereal products.

81-73

DIETARY LEVELS FOR THE CITY ELEMENTARY SCHOOL CHILDREN.

Rattelle Memorial Institute, Pacific Northwest Laboratory
J. K. Golditz, J. F. Hensley
Richland, Wash. 19 p. 1965.

TX361.5432 F64
Children, Diet information, Food consumption, Radiation biology, Washington (State).
National Technical Information Service reprint BNWL CC 1565. Abstract: As part of the study of Mechanisms of Environmental Exposure by the Division of Production of the Atomic Energy Commission, a program is underway to investigate dietary pathways affecting school-age children. The program is conducted in cooperation with school systems in the Tri-City Area. Primary elementary school children are approached with this study, including ages 5 through 12. A much smaller number of children, aged 13 and 14 have also been contacted in the course of this study. The research includes measurements of the body burden of radioactive materials in children and a study of the children's diets. This report presents a partial compilation of the dietary levels obtained for children of different ages. These data are tabulated here for reference purposes.

82-73

BE CREATIVE IN NUTRITION EDUCATION.

Michael Fox
In Proceedings of the Southwest Regional School Food Services Conference, Kansas State Univ., 1971, p 124-126, July 17/23, 1971.
L33472JUNK F64

Behavior change, Nutrition education. Abstract: This paper discusses the teaching of nutrition education for behavioral change. The slowness of people to change their eating habits, and the realization that facts do not necessarily alter behavior, are emphasized. Because the present goal is to change food behavior in a desirable manner, the emphasis in nutrition education is shifting from full recitations of facts to more and more creative avenues.

83-73

NUTRITION: A COMPREHENSIVE TREATISE.

George M. Beaton, Earle Willard McHenry
New York, Academic Press 3 v. (1447 p.), 1964.
TX393.84 F64

Age groups, Analytical methods, Dietary standards, Food intake, Food selection, Malnutrition, Nutrition, Nutritional status, Therapeutic and special diets. Abstract: This work in three volumes presents an up-to-date review of knowledge in human nutrition. Authors who submitted chapters review their subjects critically and relate the knowledge available from all sources to the utilization and requirements of nutrients by the human. The treatise is not intended as a textbook, but for the person already familiar with the subject. This treatise presents the fundamental knowledge of human nutrition along with a consideration of the problems inherent in the interpretation and application of this knowledge. Volume One and the first half of Volume Two are devoted to discussions of the metabolism, requirements, and manifestations of deficiency of the individual nutrients. In Volume Two, the philosophy of dietary standards is discussed. A comprehensive discussion of the causes and prevention of malnutrition is also included. Volume Three begins with a review of the methods of appraisal of nutritional status—dietary, biochemical, and clinical, and discusses the application of basic knowledge to particular areas of nutrition—maternal, infant, childhood, geriatric, and therapeutic.

84-73

BEEF COOKING RATES AND LOSSES - EFFECT ON FAT CONTENT.

Kaye Funk, Mary A. Boyle
J Am Diet Assoc 61 (4): 404-407, Oct 1972.
369.8 AM34

Analytical methods, Cooking, Fats and oils, Food analysis, Meat. Abstract: Meat cylinders of ground beef of known fat content were cooked at three temperatures to determine the effect of fat on cooking rates and drip losses. Cooking rates increased with oven temperature. Total and volatile losses decreased as fat content increased, but increased as oven temperature decreased.

85-73

THE BEGINNING OF LIFE (FILMSTRIP); HOW A BABY DEVELOPS BEFORE BIRTH. VITAMIN INFORMATION BUREAU. PRODUCED BY AUDIO-VISUAL SCHOOL SERVICE.

Vitamin Information Bureau
New York, Audio-visual School Service 1 filmstrip, 44 Fr., 35mm, col., 1971.
OP141.84 F64 AV

Dietary standards, Embryology, Food guides, Nutrition education, Pregnancy diets. With filmstrip commentary booklet titled: The beginning of life: how a baby develops before birth and a full-color wall chart titled: Prenatal nutrition: vitamins and minerals at the start of life. Abstract: Most people are at least somewhat aware of nutritional requirements for health, but few are aware of the nutritional requirements during prenatal life. This filmstrip graphically illustrates how the fertilized ovum develops, how vitamins influence tissue growth and differentiation, why vitamins are needed to produce energy, how the mother's food choice affects the fetus's growth and development, and how certain minerals play a part in forming red blood cells, bones, and teeth.

86-73

BEHAVIOR MODIFICATION IN A SELF-HELP GROUP - A PILOT STUDY.

Henry A. Jordan, Leonard S. Levitz
J Am Diet Assoc 62 (1): 27-29, Jan 1973.
369.8 AM34

Behavior change, Food habits, Group dynamics, Motivation, Obesity, Psychology, Weight control. Abstract: The effectiveness of behavior modification techniques in achieving weight reduction in a self-help group led by a lay leader with minimal training was monitored. Records were kept for an initial period of twelve weeks, during which only the group's social pressure was used. Weight loss for ten subjects averaged 3 lb. During the next twelve weeks (after the leader had received training), behavior modification techniques were used; the average weight loss was 10 lb. The leader was absent for four of the following twelve weeks, and the average loss fell back to that of the social pressure period, i.e., 3 lb. Further studies are needed to determine whether the success of the first behavior modification period was due to the technique or the novelty of a new program.

87-73

BEHAVIOR THERAPY IN TREATING OBESITY.

Leonard S. Levitz
J Am Diet Assoc 62 (1): 22-26, Jan 1973.
369.8 AM34

Behavior change, Food habits, Obesity, Psychology, Weight control. Abstract: A possible avenue for treatment of obesity involves behavior therapy, i.e., the changing of behavior revolving around eating. By abstracting effective clinical techniques from general psychological principles, clients have successfully abandoned maladaptive food patterns and substituted more appropriate behavior. A functional analysis of the client's food habit is first needed for the therapist to understand the situational and temporal cues which occasion eating. Thereaf-

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PAGE 7

88-73

ter, techniques may be suggested for altering eating behavior, such as ways to change the stimuli which have triggered eating, programming incompatible (with eating) behaviors, and offering reinforcers to desired new habits through contingency contracts. Cooperation by family members is also important in a behavioral therapy approach. In view of the emotional aspects involved.

88-73

BEHAVIORAL AND METABOLIC CONSEQUENCES OF WEIGHT REDUCTION.
Joel Glinker.
J Am Diet Assoc 52 (1): 30-34, Jan 1973.
389.5 A934
Age Groups, Behavior change, Body composition, Guidance, Metabolic studies, Obesity, Psychology, Weight control.
Abstract: Persons with juvenile-onset obesity (prior to age twelve) have a marked increase in number of fat cells over those of normal-weight persons. Those who develop obesity after age nineteen, however, tend to have a normal number, but an enlarged cell size. In behavioral studies of both types of obesity during weight reduction, hospitalized juvenile-onset patients were more anxious, depressed, and distrustful, were more inaccurate in time perception, and had misperceptions of their body image (overestimation of size) and of the size of food pictures (underestimation continuing during maintenance diets). The author suggests that treatment should be tailored to age at onset of obesity. Nutritional counseling may be adequate for adult-onset obese persons.

89-73

THE BEHAVIORAL CYBERNETIC COMPONENTS OF HUMAN NUTRITION.
Karl U. Smith.
In Proceedings of the Midwest Regional Seminar for Schoolfood Service Supervisors and Directors, U. of Wisc., 1971 o 57, July 13/30, 1971.
L33479.J5W5 F61
Energy, Nutrition.
Abstract: This paper discusses the behavioral cybernetic components of human nutrition. Relationships of behavior, energy regulation, and nutrition including feedback mechanisms and emotional and social factors are presented.

90-73

DIETETIC FOODS.
A E Bender.
New York, Chemical Publishing Co., Inc. 286 p. 1957.
R421A.34 F54
Diabetes, Illness, Dietary standards, Dietetics, Metabolic disorders, Phenylketonuria, Protein modifications, Therapeutic and special diets, Vitamins, Weight control.
Abstract: The author surveys the entire field of dietetic foods, dietary requirements, and diet therapy. Such areas as deficiency diseases, metabolism, sodium content, energy, vitamins, and proteins are discussed in their chemical, physiological and therapeutic aspects. The book is augmented by a medical glossary, plus tables and charts of chemical structures.

91-73

THE BIG DINNER TABLE (ACTION PICTURE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
Dairy Council of California
Los Angeles, Wexler Film Productions 1 reel, 16mm, sd, col, 10 min. 1955.
TX364.85? F54 AV
Food groups, Food habits, Nutrition education.
Includes teacher's guide. Also available in videocassette.
Abstract: This film explains growth in terms of cell division and the role food plays as the source of energy for that growth. Emphasis is placed on dairy products as a source of protein, calcium, and vitamins. However, foods from the bread and cereal groups, the meat and fish groups, the vegetable and fruit groups are shown, and it is pointed out that a good diet includes foods from each group.

92-73

THE BIG DINNER TABLE (VIDEOCASSETTE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
Dairy Council of California
Los Angeles, Wexler Film Productions 1 videocassette, sd, col, 12 min, 3/4". 1965.
TX364.85 F54 AV
Food groups, Food habits, Nutrition education.
For use in videocassette player. Includes teacher's guide.
Abstract: This videotape explains growth in terms of cell division and the role food plays as the source of energy for that growth. Emphasis is placed on dairy products as a source of protein, calcium, and vitamins. However, foods from the bread and cereal groups, the meat and fish groups, and the vegetable and fruit groups are shown, and it is pointed out that a good diet includes foods from each group.

93-73

BIG IDEAS IN NUTRITION EDUCATION.
F Parker.
Sch Lunch J 25 (4): 34-36, Apr 1971.
J59.A S2H6
Nutrition education, School children (6-11 years), Teaching methods, Workshops.
Abstract: Teacher training for improved nutrition education in school children. Results shown in the school lunch room, where fruits and vegetables waste decreased.

94-73

DISADVANTAGED CHILDREN: HEALTH, NUTRITION AND SCHOOL FAILURE.
Herbert G Birch, Joan Dye Gussow.
New York, Harcourt, Brace & World 322 p. 1970.
LC4091.B55 F6N
Deficiency diseases and disorders, Disadvantaged youth, Health, Learning, Low income groups, Malnutrition, Mental development, Poverty research.
Abstract: The authors document the fact that poverty produces educational failures which reduces employment, which in turn perpetuates poverty, ill health, and social disadvantage. The book examines these complex relationships that make poverty physically destructive--poor food, poor sanitation, poor housing, and poor medical care. The authors then demonstrate how these health factors make for school failure among impoverished children.

95-73

YOUR HEART HAS NINE LIVES; NINE STEPS TO HEART HEALTH.
Alton Blakeslee, Jeremiah Tandler.
Englewood Cliffs, N.J., Prentice-Hall 269 p. 1969.
RC81.C3B55 F6N
Cardiovascular disorders, Cholesterol, Disease prevention, Food composition tables, Food selection, Health education, Nutrient values, Therapeutic and special diets.
Abstract: The authors outline nine steps one can take to avoid heart attacks and strokes and so live longer. The chief causes of coronary heart disease are described. It is shown how the amount of cholesterol in the blood can be reduced and how high blood pressure and diabetes can be avoided. Diets to lose weight and moderate exercise regimens are described. The authors point out the adverse effects of over-nutrition, too little exercise, excessive smoking, excessive tension, and constant stress situations. The role of heredity in coronary heart disease is discussed and methods of reducing the risk of attack are explained.

96-73

BLAND, SOLUBLE WHEY PROTEIN CONCENTRATE HAS EXCELLENT NUTRITIONAL PROPERTIES.
W M Wingerd.
Food Technol 24 (7): 34, 36, 37, 40, Jul 1970.
389.6 F7395
Milk products, Nutrient content determination, Nutrient quality determination, Nutrient values, Protein concentrates.
Abstract: Combined data of three experiments--long term rat growth study; phosphorus and calcium availability study; and metabolic study with human subjects--show that the protein and minerals of a soluble whey concentrate are completely available to both humans and animals. The nutritive value of the undenatured lactalbumen in the whey is equivalent to that of the heat denatured form of lactalbumen, which has served as the standard of quality in nutritional studies for many years.

97-73

NUTRITION AND PHYSICAL FITNESS. 8th ed.
L Jean Bogert, George M Briggs, Doris Howes Calloway.
Philadelphia, W. B. Saunders 614 p. 1966.
TX354.96 F6N
Dietetics, Food fads, Food supply, Health education, Menu planning, Nutrition education, Physical fitness, Textbooks, Therapeutic and special diets.
Abstract: This textbook presents basic facts about nutrition and shows how this knowledge can be used to improve health and vigor. Part one deals with the body's needs, part two with body processes, part three with diets for special conditions (pregnancy, old age, children, overweight), and part four with meal planning. Written on a college level.

98-73

BREAKFAST AND THE BRIGHT LIFE (FILMSTRIP/RECORD); PRODUCED BY MIDWEST FILM STUDIO. DISTRIBUTED BY CEREAL INSTITUTE, INC.
Cereal Institute, Inc
Chicago, Midwest Film Studio 1 filmstrip, 96 Fr., 35mm, col and phonodisc. 1970.
TX733.97 F54 AV
Breakfast, Meal patterns, Nutrition education, Secondary education.
Includes a twelve page teacher's guide.
Abstract: This filmstrip seeks to motivate youth to improve nutrition by emphasizing the importance of breakfast to the ability to perform physically and mentally, to attitudes, and to health. The shots include action and mealtime scenes.

99-73

BREAKFAST; 4-4-3-2 WAY (SHOW'N TELL); PRODUCED BY THE U.S. EXTENSION SERVICE AND DISTRIBUTED BY THE DOUBLE SIXTEEN CO. U.S., Extension Service
Wheaton, Ill., Double Sixteen Co. 2 filmstrip keys, 15, 15 Fr., col, 16mm and phonodisc. (n.d.).
TX364.87 F54 AV
Breakfast, Elementary education, Meal patterns, Nutrition education.
For use with a General Electric Show'N Tell phonoviewer. Includes phonodisc: 33 1/3 rpm.
Abstract: This phonorecord gives children a formula for determining a well-balanced diet. It also instructs them in the elements of a good breakfast and why a good breakfast is important.

- 100-73
BULKING AGENTS IN FOODS - ACCEPTABILITY BY OBESSE INDIVIDUALS.
Dan E Pratt, Elwood F Raber, Jeanette H Klockew
J Am Diet Assoc 59 (2): 121-122, Aug 1971.
389.8 A434
Food preferences, Microcrystalline cellulose, Obesity, Palatability ratings, Weight control.
Abstract: The sensory acceptability of cookies, brownies, and mashed potatoes, with microcrystalline cellulose added as a bulking agent, were compared by obese and normal-weight individuals. There were no significant differences between scores of the two groups of individuals for any variable studied. Cookies containing 14, 19, or 30 per cent cellulose; brownies containing 14, 19, or 25 per cent cellulose, and mashed potatoes containing 10, 14, or 27 per cent cellulose were considered generally acceptable except for chocolate cookies which contained 30 per cent cellulose.
- 101-73
NUTRITION: A COURSE FOR SCHOOL FOOD SERVICE PERSONNEL.
California, Dept. of Education, Food Service Office
Sacramento, Calif. 82 p. 1967.
OP141.C3 F5N
Energy metabolism, Food fads, Food habits, Minerals, Nutrition, Protein foods, School food service, Study guides, Workbooks.
Extract: The objectives of this course are to make it possible for school food service workers to (1) acquire a knowledge of the dietary needs of children and youth; (2) learn the roles in nutrition of proteins, fats, carbohydrates, minerals, and vitamins; (3) learn how nutritive values of food may be conserved during the storage, preparation, and serving of foods; and (4) be informed regarding good eating habits and how boys and girls can be helped to acquire such habits. This workbook is designed primarily as a study guide for the student; however, it can serve other purposes.
- 102-73
CALIFORNIA STATES ITS POSITION.
F E McGlone
Sch Lunch J 25 (2): 52, 54, 56, 59, Feb 1971.
389.8 SCH6
Education, Fortification agents, Free lunches, Nutrition, Nutrition education, School breakfast, School food service, Type A lunch.
Abstract: Excerpts from a position paper, "Apparent Hunger in California," issued by the California School Food Service Association and written by Frances E McGlone, discusses the importance of nutrition to education and of nutrition education. It emphasizes the need for free food service for all children, their improvement with breakfasts rather than hunger, the value of Type A lunches, and fortification of foods.
- 103-73
THE GREAT NUTRITION PUZZLE.
Dorothy Callahan, Alisa Smith Payne
New York, Charles Scribner's Sons 189 p. illus. 1956.
TX515.C3 F5N
Elementary education, Food beliefs, Foodways, History, Nutrition.
Extract: This is the story of how and when present-day nutritional facts were discovered. Where does food go after it is eaten? How does it nourish our bodies? These questions are answered and a glimpse is given into the future of nutritional research and its potential meaning for everyone.
- 104-73
THE CALORIE VERSUS THE JOULE.
Thomas Moore
J Am Diet Assoc 59 (4): 327-330, Oct 1971.
389.8 A434
Caloric values, Measurement, Metric system.
Abstract: The recent urge towards metrification has led to the critical scrutiny even of the metric units themselves. Learned institutions, including the Royal Society, have decreed that the calorie must be omitted from the select list of "SI" units, and that the Joule must play a double role as the unit for both mechanical energy and heat. The author goes into the derivation of the Joule and its empirical relation to the calorie in some detail. He suggests that nutritionists react to the Joule versus the calorie by: (a) accepting the Joule to replace the calorie as a unit of energy, but (b) redefining and retaining the calorie as a unit of food, making it the amount of any food which, when efficiently metabolized in a healthy man or animal, can produce 4,180 Joules of energy.
- 105-73
CALORIES (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Xerox House 1 cassette, super 8mm, sl. col. 4 min. In.d.l.
TX364.C3 F5N AV (Vocational Library: food management--food for health series)
Caloric values, Nutrition education, Weight control.
For use in a Technicolor cassette projector.
Abstract: This film gives a visual explanation of calories and how they work. The relationship of calories to energy and growth is demonstrated. The film warns that high-caloric foods eaten in too great a quantity will cause obesity.
- 106-73
CALORIES, ENERGY AND WEIGHT CONTROL.
G Lynn Brinkman
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 50-55, July 12/24, 1971.
LB3479.U5P4 F5N
Caloric values, Energy, Weight control.
Abstract: This paper deals with the energy values of different food groups, methods of testing metabolic rate and determining obesity, ways to lose weight effectively and the problems involved in food faddism as related to weight loss.
- 107-73
CANADA LAUNCHES A NATIONAL NUTRITION SURVEY.
Natr Today 5 (1): 26, Spring 1970.
RA784.NB
Canada, Dietary study methods, Dietary surveys, National surveys, Nutrition.
Abstract: Canada was to begin a two-year national nutrition survey in September, 1970. The survey was initiated in response to medical reports of malnutrition and to a growing concern about the use of food additives and pesticides and their effect on the food supply. The survey was to indicate the incidence of nutritional diseases and disorders in population groups characterized by geographical location, community type, income, and the age and sex of individuals. This would be accomplished using clinical, anthropometric, biochemical, and dietary data.
- 108-73
THE CANADIAN DIETARY STANDARD.
Z I Sabry
J Am Diet Assoc 56 (3): 195-199, Mar 1970.
389.8 AM34
Canada, Dietary standards, Recommended Dietary Allowances.
Abstract: The recommended intakes of calories and nutrients for infants, children, and adults of the Canadian dietary standard are summarized. These values were intended as a guide in planning diets and food supplies and not as a standard in assessing the nutritional status of Canadians. The fact that recommended intakes have often been used in assessing nutritional status of individuals points out the obvious need for such a standard.
- 109-73
CARBOHYDRATES AND FATS (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Xerox House 1 cassette, super 8mm, sl. col. 4 min. In.d.l.
TX553.C2A03 F5N AV (Vocational Library: food management--food for health series)
Carbohydrate-rich foods, Carbohydrates, Fats and oils, Nutrition education.
For use in a Technicolor cassette projector.
Abstract: This film illustrates the uses made of starches, sugars, and fats in the body's systems. It emphasizes the foods that are rich in carbohydrates and fats, and warns against the effects (obesity and dental caries) to too many starches, sugars, and fats in the diet.
- 110-73
CENTRALIZED FOOD SUPPLIES.
D Shantz
J Can Diet Assoc 31 (2): 96-100, June 1970.
389.9 C1632
Food habits, Food preparation, Food supply, Meal patterns, Nutrients, Nutrition education.
Abstract: Discusses how much control of food habits remains, or should remain, within the family after the formative years, considering the incidence of restaurant use, vending services, and convenience meals.
- 111-73
NUTRITION, 8th ed.
Margaret S Cheney, Margaret L Ross
Boston, Houghton Mifflin 486 p. 1971.
OP141.C5 F5N
Balance studies, Energy, Fat-soluble vitamins, Health, Nutrition education, Special groups, diets, Textbooks, Trace elements, Water-soluble vitamins.
Abstract: This textbook deals with health as related to food and the body's ability to use it. Emphasis is on normal nutrition and the interrelationships of nutrients. Certain pathological conditions in which diet is of prime importance are mentioned. Material is treated from a scientific viewpoint, and some knowledge of physiology and organic chemistry is assumed.
- 112-73
FOOD SCIENCE.
Helen Charley
New York, The Ronald Press 520 p. illus. 1970.
TX354.C47 F5N
Baking, Evaluation, Food composition, Food preparation, Food quality, Food science, Textbooks.
Abstract: This book emphasizes the scientific aspects of the study of food. It is designed to serve as a collage text for a basic course for students who have had at least general college chemistry or the equivalent and have some knowledge of elementary nutrition. The basic sciences and the literature

113-73

In food science are drawn upon to give a fundamental understanding of both theoretical and practical aspects of the subject. Background information needed for a better grasp of individual topics precedes or parallels the subject itself. Emphasis throughout the text is on the reasons for procedures and phenomena, not just what to do and how to do it. To minimize chances of failure for the student with limited experience, crucial steps in the preparation of basic foods are given in detail.

113-73

CHILD MALNUTRITION AND ITS IMPLICATIONS FOR SCHOOLS.

J L Cameron

Sch Lunch J 24 (1): 26-28, Jan 1970.

389.8 SCH6

Adult education, Child rearing practices, Economic influences, Malnutrition, Schools.

Abstract: Nutritional status of children is related to the education, economic status, motivation, and responsiveness of their parents. The school is charged with promoting and maintaining the nutritional well-being of the child so that he may learn and function at optimal levels. Expansion of child nutrition programs has broadened role of school in providing food to its students and to out-of-school children. Four basic concepts of nutrition and education are given.

114-73

CHILD NUTRITION: AN IDEA WHOSE TIME IS HERE.

R E Lync

Sch Lunch J 25 (1-9, 24, 9): 40-42, 44-45, Oct 1970.

389.8 SCH6

Children, Costs, Food services, Food stamp programs, Low income groups, Nutrition, School lunch programs.

Abstract: Address given at the 24th Annual Convention of the American School Food Service Association, Boston, Aug. 4, 1970, which reviews advances of the past year and discusses P.L. 91-743 and new regulations in the school lunch programs resulting from the legislation.

115-73

A CHINK IN OUR ARMOR.

Robert E Shank

Nutr Today 5 (2): 2-11, Summer 1970.

RA784.V4

Dietary standards, Food misinformation, Pregnancy diets, Special groups, diets, Therapeutic and special diets.

Abstract: This article is a summary of a National Research Council report: "Maternal Nutrition and the Course of Human Pregnancy." Low birth weight is associated with neonatal mortality, and among the causes of low birth weight are the biological inactivity of the mother, her limited weight gain during pregnancy, and her poor nutritional status. The report emphasizes the importance of closely monitoring the weight gain of the mother (with the objective of achieving an average gain of 24 pounds), and of carefully reviewing her dietary intake and food habits. Pregnant women under seventeen years of age require diets especially rich in calories, protein and calcium. Standardized prenatal diets are not usually adequate for extremely young mothers.

116-73

CHOLESTEROL CONTENT OF FOODS.

Ruth M Feeley, Patricia E Griner, Bernice K Watt

J Am Diet Assoc 51 (2): 134-148, Aug 1972.

389.6 AM34

Cholesterol, Fatty acids, Food analysis, Food groups.

Abstract: This article presents data to update and expand information on cholesterol content of foods in Agriculture Handbook No. 8, "Composition of Foods--Raw, Processed, Prepared. The data is tabulated on three bases: household measure, 100-gm. edible portions, and edible part of 1 lb. food as described.

117-73

CHOLESTEROL, FAT, AND PROTEIN IN DAIRY PRODUCTS.

Denis E Lacroix

J Am Diet Assoc 52 (3): 275-279, Mar 1973.

389.6 AM34

Analytical methods, Cholesterol, Dairy foods, Fats and oils, Food analysis, Milk, Proteins.

Abstract: Twenty-seven dairy products were analyzed for fat, cholesterol, and protein. Fat was extracted by the Ross-Gottlieb method; cholesterol was determined by gas-liquid chromatography; and protein by the Kjeldahl nitrogen method. The data showed a direct relationship between fat and cholesterol content. The correlation was better for products having a fat content greater than whole milk than for low-fat products. Based on a regression analysis, a chart is presented and an equation given which can be used to calculate cholesterol values in dairy products in which only the fat content is known. No relationship was observed between cholesterol and protein.

118-73

CIGARETTE SMOKING AND VITAMIN C.

Omer Pallatier

Nutr Today 5 (3): 12-14, Autumn 1970.

RA784.V4

Ascorbic acid, Tobacco, Vitamin deficiencies.

Abstract: Inhalation of cigarette smoke affects the body's use of vitamin C, so that the smoker needs more C each day than the nonsmoker. This article reports on recent research

pertaining to this biochemical phenomena. It has been determined that the lowered levels of vitamin C in smokers are not due to mere rapid utilization or to a lower intake of vitamin C, but rather are due to less vitamin C available for utilization and storage because less is absorbed. The less efficient absorption derives, apparently, from oxidation reactions arising either from metabolism of inhaled tobacco constituents, or from modifications of the general metabolism affected by these constituents. These oxidation reactions may cause vitamin C oxidation and degradation.

119-73

HUNGER, U.S.A.: A REPORT BY THE CITIZEN'S BOARD OF INQUIRY INTO HUNGER AND MALNUTRITION IN THE UNITED STATES.

Citizen's Board of Inquiry into Hunger and Malnutrition in the United States

Washington, D.C. 100 p. 1968.

HD9005.C57 F6N

Agriculture, Consumer education, Data analysis, Demography, Food programs, Food stamp programs, Hunger, Malnutrition, School lunch programs.

Abstract: This is a report of the findings of investigations into the extent and causes of hunger and malnutrition in the United States. The Citizens' Board of Inquiry makes recommendations to the Department of Agriculture and to committees of Congress as to ways and means of responding to critical conditions of malnutrition--principle recommendation being the free food stamp program.

120-73

COMMERCIOGENIC MALNUTRITION?--TIME FOR A DIALOGUE.

D B Julliffe

Food Technol 25 (2): 55, 56, Feb 1971.

389.8 F7398

Advertising, Children, Deficiency diseases and disorders, Formulated foods and specialized products, Infant diets, Malnutrition, Processed foods.

Abstract: The problems of child nutrition are highly influenced by infant feeding practices. These practices are developed either through nutrition education programs or through the advertising campaigns presented by industry. Many advantages can be attributed to these programs, but it has also been through these programs that many harmful effects have emerged. Fortunately the nutrition education programs have changed to some extent, but there is still a real need to reconsider where nutrition education and persuasion are going if infant foods truly designed for the economic, cultural and hygienic circumstances of less developed areas are to be developed.

121-73

COMMUNICATING WITH THE CONSUMER: NUTRITION FOR A GOOD START: SPECIAL REPORT: PART III.

Samuel J Foxon

Food Prod Dev 6(5): 66, Aug/Sept 1972.

HD900D.L.F64

Children, Consumer education, Deficiency diseases and disorders, Infant feeding, Infants (To 2 years), Nutrition, Special groups, diets.

Abstract: The author emphasizes the need for good, nutritional feeding habits in the early years so that such habits will become persistent and carry over into adult life. A few of the major health and nutritional disorders among children are pointed out and ways suggested to combat them.

122-73

COMPLETE TEACHING KIT ON CHEESE (FILMSTRIPS).

Kraft Foods, Educational Dept.

Chicago, Kraft Foods 2 filmstrips, 59, 44 Fr., col, 35mm.

[n.d.].

TX382.C6 FEN AV

Audiovisual aids, Cheese, Cooking methods, Food processing, Food selection, Food storage, History, Instructional materials, Nutrient values.

Set includes: 2 filmstrips titled: Guide to cheese and Guide to cheese making with a printed guide to each filmstrip. Also contains 3 cheese nutrition transparencies, a natural cheese wall chart, and the following booklets: Cheese in the curriculum, Guide to natural cheese, Guide to pasteurized process cheese products, and filmstrip guide to cheese.

Abstract: This teaching kit is intended to help students understand the distinction between natural and processed cheeses; the history, manufacture, and characteristics of the various families of cheeses; the nutritional value of cheeses; and the selection, storage, and cooking methods for cheeses. A 20 minute, 16mm color sound film, The World of Cheese, is also available for free loan.

123-73

COMPOSITION AND NUTRITIVE VALUE OF DAIRY FOODS.

National Dairy Council

Dairy Coun Dig 42 (1): 1-4, Jan/Feb 1971.

389.6 D14

Calculated nutrient content, Food composition tables, Milk products.

Abstract: The composition of pasteurized whole milk is presented in terms of all or best known nutrients, including micronutrients, major fatty acids, and amino acids. How the partitioning of milk in the processing of skim milk, cream, butter, and cheese affects the division of nutrients in various dairy foods is discussed. Also the effect of processing and storage on retention of nutrients is presented. This digest gives an overall view of the complexities of dairy product composition

and furnishes a guide to further reading. (NDC).

124-73

STATEMENT OF WALTER A. COMPTON, M.D., PRESIDENT AND CHIEF EXECUTIVE OFFICER, MILES LABORATORIES, INC., BEFORE THE SENATE SELECT COMMITTEE ON NUTRITION AND HUMAN NEEDS, FEBRUARY 24, 1971.

Walter A. Compton
Elkhart, Ind., Miles Laboratories Inc. und. 1971.
TX553.V5C6 FEN
Advertising, Dietary supplements, Malnutrition, Minerals, Nutrition education, School lunch programs, Textured vegetable proteins, Type A lunch, Vitamins.
Abstract: This statement, by the President of a pharmaceutical company, was motivated by previous testimony before the Senate Committee to the effect that "nearly every distributor of vitamins was foisting the most lucrative deception on the American public". Mr. Compton outlines "the capabilities which Miles Laboratories is bringing to bear in its efforts to improve the nutrition of the American people, and with especial reference to the problems of the economically disadvantaged." "Our efforts in this area currently rest primarily on the bases, --the marketing of dietary supplements of vitamins and the development of textured vegetable protein foods through our Northington Foods subsidiary. Thus, we are focusing our attention on delivering vitamins (micronutrients) as well as protein and calories (macronutrients)". In his statement he provides evidence of the nutrition value of these products in an effort to justify their development and use.

125-73

CONCEPTS OF FOOD HABITS OF "OTHER" ETHNIC GROUPS.

Rose Marie Pangborn, Christine M. Bruhn
J Nutr Educ 2 (3): 106-110, Winter 1971.
TX341.J6
Cultural factors, Food habits, Nutrition education, Training.
Abstract: Research and teaching in the field of cultural food patterns is gaining in interest. The authors, in a survey of food service personnel and university students, found that these groups had only a casual awareness of the foods eaten by people in other cultures. The authors make suggestions to nutrition educators for including other food patterns in the training curricula.

126-73

PUERTO RICAN FOODS AND TRADITIONS.
Connecticut University, College of Agriculture and Natural Resources, Cooperative Extension Service
Storrs, Conn. 3 p. 1971.
TX369.P7C6 FEN
Food habits, Food planning, Puerto Rican culture, Recipes, Vocabulary.
Abstract: This is part of a series on the food habits, customs and traditions of people from different countries and cultural backgrounds. The purpose of this bulletin is to give Connecticut families a better understanding of the Puerto Rican people and their country, and to encourage them to get acquainted with the favorite foods and typical dishes of Puerto Rico.

127-73

CONTRIBUTION OF CERTAIN NUTRIENTS ADDED TO FOODS TO DIETARY INTAKE.
Jennett, A. Potter, Ellen M. Morse
J Am Diet Assoc 61 (5): 521-524, Nov 1972.
339.A A336
Dietary surveys, Enrichment, Fortification agents, Pregnancy diets.
Abstract: Nutrient composition of food intake reported in 100 24-hr. dietary recall records of young women was calculated. Eight nutrients added as fortification or enrichment to the food, reported were identified and quantified, and the mean contribution of each nutrient to total intake was calculated. Fortification or enrichment contributed from 1.72 per cent (protein) to 21.35 per cent (thiamin) of total intake.

128-73

CONTRIBUTION OF HARD WATER TO CALCIUM AND MAGNESIUM INTAKES OF ADULTS.
Jean M. Hankins, Sheldon Margon, Naomi F. Goldsmith
J Am Diet Assoc 66 (3): 212-224, Mar 1970.
339.A A334
Calcium, Dietary surveys, Minerals, Nutrient values, Water.
Abstract: A pilot study among 45 adult volunteers living in a hard-water community of California was conducted to determine the contribution of water to total calcium and magnesium intakes. A food composition table was compiled and local water supplies were analyzed for calculating seven-day calcium and magnesium intakes. The contribution of water to the total mineral intakes averaged 7 per cent for calcium and 12 per cent for magnesium. The magnesium contributions were probably overestimated due to lack of nutrient data for several reported foods. The frequent use of water softeners and the mobility of the subjects decreased the expected contributions of hard water to total calcium and magnesium intakes.

129-73

CONVENIENCE FOODS: FACTORS AFFECTING THEIR USE WHERE HOUSEHOLD INITS ARE HIGH.
J L. Franklin, M. F. Fox, L. M. Mixerfield
J Home Econ 64 (2): 25-28, Feb 1972.
321.A J37
Convenience foods, Demography, Diets.

Abstract: Random sample of households surveyed for use of convenience foods and influence of demographic factors.

130-73

COORDINATING NUTRITION EDUCATION IN SCHOOL, HOME AND COMMUNITY.

Mildred Kaufman
In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 110-120. July 18/20, 1971.
LB3479.U5 FEN
Management, Nutrition education.
Abstract: This paper discusses the urgent need to coordinate nutrition education efforts of community agencies and educational institutions.

131-73

THE LUNCH BUNCH STUDY: SUMMARY AND CONCLUSIONS FROM THE FINAL REPORT OF A STUDY TO DETERMINE THE NUTRITIONAL AND ECONOMIC NEED FOR FREE LUNCHES AND TO MEASURE THE EFFECT OF RECEIVING SCHOOL BREAKFASTS AND/OR LUNCHES ON THE NUTRITIONAL STATUS OF CHILDREN.

Cornell University, Graduate School of Nutrition
Lillian Ewens, Marlen Hayes, David L. Call
Ithaca, N.Y. 13 p. 1972.
TX361.C5C6 FEN
Children, Economics, Influences on nutrition, New York (State), Nutritional status, School breakfast, School lunch programs, Statistical data.
Abstract: Children identified as eligible for free school lunches on the basis of family income-family size-number of school age children are in economic need of free lunches. However, in the Lunch Bunch study, only one-third of these children were identified as nutritionally needy. On the other hand, one-quarter of the ineligible children were identified as nutritionally needy. Therefore, it cannot be assumed that children identified as economically needy are also nutritionally needy. Dietary levels, which were factors used in identifying nutritional need, were not well correlated with family size, family income and the number of school age children. Assessment of dietary need would be most effectively accomplished by measuring the levels of four nutrients in the diet which are highly correlated with six other basic nutrients. It is important to provide free lunches to those most in need of the benefits of the program. Although eligible children were significantly helped by school feeding programs, nutritionally needy children were helped even more, particularly in the district offering both the school breakfast and lunch programs.

132-73

CRACKERS FORTIFIED WITH FISH PROTEIN CONCENTRATE (FPC): NUTRITIONAL QUALITY, SENSORY AND PHYSICAL CHARACTERISTICS.

Virginia D. Sidwell, Bruce A. Stillings
J Am Diet Assoc 61 (3): 276-279, Sept 1972.
339.A A334
Crackers, Fish protein concentrates (fpc), Fortification agents, Nutrient values, Protein efficiency ratio.
Abstract: In this study, up to 16 per cent of the flour used in saltine-type crackers was replaced by high-protein fish protein concentrate (FPC). In rat studies, the crackers were evaluated for nutritional quality (protein efficiency ratio-PEER) and the weight gain of the rats was measured and found to be insignificantly affected. In addition, both baked and unbaked fortified cracker mixes were tested. Fortification levels of 4 and 8 per cent FPC increased PEER threefold or more; higher fortification did not improve nutritional quality. Crackers with 4 and 8 per cent FPC were as acceptable as unfortified crackers in texture and flavor. Fortification increased the firmness of the crackers. Baking had no effect on nutritional quality.

133-73

CULTURAL FOOD PATTERNS AND SCHOOL FOOD SERVICE.

Norma W. Jerome
In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 321-329. July 12/24, 1970.
LB3479.U5M3 FEN
Cultural factors, Food habits, School food service.
Abstract: The environmental, cultural and psycho-social factors which play an integral part in food preferences. The aspect of food communication is noted. The accessibility of the school food service is emphasized to transmit important cultural values to youth is emphasized.

134-73

NUTRITION OF ANIMALS OF AGRICULTURAL IMPORTANCE: PART I: THE SCIENCE OF NUTRITION OF FARM LIVESTOCK.

Sir David Cuthbertson
Oxford, Eng., Pergamon Press 592 p. 1969.
SF93.C86 FEN
Agriculture, Animal sources of food, Biochemistry, Digestion, Metabolism, Microbiology, Nutrition, Physiology.
Abstract: Volume 17 of this encyclopedia is in two parts. The first part provides a general background to the nutrition of animals of agricultural importance, including the physiology, biochemistry, and microbiology of digestion. The second part deals with the special nutritional requirements of the various classes of farm livestock.

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PAGE 11

139-73

139-73

HUMAN NUTRITION AND DIETETICS. 5th ed.
S Davidson, R Passmore, J F Brock
Baltimore, Williams and Wilkins Company 597 p. 1972.
RA784.D3 1972 F54
Deficiency diseases and disorders, Dietetics, Nutrition, Public health.
Abstract: Anyone interested in applying modern scientific knowledge to the practical problems of human nutrition, both in health and disease will find the appropriate answer in this book. It is divided into six parts: 1) gives an account of the physiology of nutrition, 2) is a general description of foods most commonly eaten by man, 3) describes diseases primarily due to faulty nutrition, 4) deals with the role of defective diets to diseases, 5) is concerned with nutrition in relation to public health, 6) recommends modifications necessary in normal diets to meet special circumstances.

136-73

DEGRADATION OF LINOLEIC ACID DURING POTATO FRYING.
Lois Kilgore, Maycell Bailey
J Am Diet Assoc 56 (2): 130-132. Feb 1970.
389.8 A434
Fats and oils, Food chemistry, Food quality, Frying, deep fat.
Abstract: Linoleic acid degradation occurs in fats used for frying. The decrease has been studied in safflower oil, cottonseed oil, corn oil, and shortening advertised as highly unsaturated. The percentages of linoleic acid (expressed as percentages of total fatty acids) in the fresh fats were: safflower oil, 72.3; corn oil, 57.2; cottonseed oil, 55.5; and shortening, 30.2. After the fats had been used for intermittent frying periods totaling 7 1/2 hours, during which 10 lb. potatoes were fried, the percentages were: safflower oil, 69.2; corn oil, 51.7; cottonseed oil, 49.3; and shortening, 26.7. The percentage of linoleic acid in fat extracted from the tenth pound of potatoes fried was 64.8 when safflower oil was used; and 50.2, 43.3, and 26.5 for corn oil, cottonseed oil, and shortening, respectively.

137-73

FUN WITH FOOD FACTS: A TEACHER'S GUIDE FOR NUTRITION EDUCATION, KINDERGARTEN-THIRD GRADE.
Delaware, Dept. of Public Instruction, State Nutrition Education Committee
Dover, Del. 18 p. [n.d.].
LB1567.4804 F64
Activity learning, Elementary education, Nutrition education, Teaching guides.
Extract: This nutrition education guide is meant to supply some of the resources available in carrying out a sound nutrition program. To be of value, nutrition education must be a continuing process. It is imperative that nutrition education be started at the earliest grade level and continued throughout the child's formal schooling. The purpose of learning should not be for facts and facts alone, but rather to initiate overt acts which will promote the development of good nutrition habits.

138-73

THE FAMILY GUIDE TO BETTER FOOD AND BETTER HEALTH.
Ronald J Deutscher
Des Moines: Creative Home Library, Meredith Corporation 277 p. illus. 1971.
TX355.D4 F54
Age groups, Consumer economics, Food preparation, Food selection, Food-related disorders, Foodborne diseases, Health, Nutrition, Weight control.
Abstract: This book serves as a guide to understanding nutrition and its relationship to health. The material is intended for the interested layman. It deals with the body's use of food, nutritional components of food, how to shop wisely, prevention of ailments and overweight, and food for special dietary needs.

139-73

DIET AND ATHEROSCLEROSIS.
Mark J Altschule
Food and Nutr News 42 (9): 1, 4. Jun 1971.
389.8 F7332
Atherosclerosis, Blood analysis, Carbohydrates, Cholesterol, Diet patterns, Food habits, Food intake, Lipids, Nutrient excesses.
Abstract: The author pursues the question of "whether the occurrence, progression, and possible regression of coronary atherosclerosis in man are controlled significantly by dietary factors and if so, will diet regulation control this common disease?"

140-73

DIET AND NUTRITION OF PRESCHOOL CHILDREN IN HONOLULU - SURVEY OF LOW- AND MIDDLE-INCOME FAMILIES.
Myrtle L Brown
J Am Diet Assoc 57 (1): 22-26. Jul 1970.
389.8 A434
Dietary information, Dietary surveys, Food intake determination, Honolulu, Nutrient content determination, Preschool children (2-5 years).
Abstract: This study found that diets of low-income preschool children tended to be lower in calcium, vitamin A, and ascorbic acid, than those of children from middle-income families, although biochemical and clinical data for both groups were, in general, similar. Iron intakes for all children were low in

comparison with present recommended levels. Low- and middle-income Honolulu children tended to be short for their age in comparison with mainland height standards.

141-73

DIET AS A REGULATOR OF METABOLISM.
National Dairy Council
Dairy Counc Dig 42 (5): 25-26. Sept/Oct 1971.
389.3 D14
Diet patterns, Enzymes, Frequency of feeding, Metabolic studies, Metabolism.
Extract: Diet is one of the environmental factors which can alter the pattern of metabolism of the body. Adaptive changes in enzyme activities contribute to the maintenance of homeostasis when variations occur in the quantity or quality of the food taken. Metabolic patterns change with the needs for growth; malnutrition in early life, if sufficiently severe, may have permanent effects on subsequent development. Research has identified some of the metabolic adaptations that occur in response to variations in the composition of the diet, in caloric intake, and in the frequency of feeding. Although knowledge of metabolic adaptations in humans is yet only fragmentary, their occurrence has been suggested in certain problems related to diet, such as protein malnutrition, asthenia and child health, obesity, and certain diseases. (NOC).

142-73

DIET HEALING: A CASE STUDY IN THE SOCIOLOGY OF HEALTH.
John Glyer
J Nutr Educ 4 (4): 163-166. Fall 1972.
TX341.J6
Behavior change, Diet improvement, Food beliefs, Food fads, Health, Organic foods, Resistance to change, Sociology, Therapeutic and special diets.
Abstract: There is increasing interest today in "natural" and "health" foods. This study compares and contrasts the attitudes, beliefs, and habits of the new groups with those of the older movement. The paper gives a medical student's impressions of many different attitudes of people who have an interest in nutrition and its effect on their health. This is a sociological study of attitudes and beliefs and not a scientific assessment of the accuracy of nutrition facts.

143-73

DIET IN EARLY LIFE IN RELATION TO ATHEROSCLEROSIS.
National Dairy Council
Dairy Counc Dig 44 (2): 7-10. Mar/Apr 1973.
389.8 O14
Atherosclerosis, Child rearing practices, Cholesterol, Dietary standards, Environmental factors.
Abstract: Atherosclerosis is considered by some to be a pediatric nutrition problem. It has been proposed, although not proven, that atherosclerosis progresses in a series of definite steps: (1) development of the fatty streak, (2) fibrous plaque, (3) complicated lesions, and (4) clinical manifestations. The development of fatty streaks is the pediatric component of the problem. A number of risk factors, particularly genetic and blood lipid disorders, have been identified as influencing atherosclerosis. Dietary recommendations to reduce cholesterol and saturated fatty acids and increase polyunsaturated fatty acids at all ages have been posed. However, on the basis of present data, there is no scientific justification for generally recommending radically different diets for children in the hope of preventing premature heart disease. Cholesterol in early life may have a vital physiological role. Infants and persons at risk of developing coronary heart disease should be identified through modern screening techniques and given individual treatment to decrease that risk.

144-73

DIET: THE REALITIES OF OBESITY AND FAD DIETS.
Seymour K Fineberg
Natr Today 7 (4): 23-26. Jul/Aug 1972.
RA784.N8
Food fads, Obesity, Therapeutic and special diets, Weight control.
Abstract: The author asserts that the best remedy for obesity is self-control and self-discipline. No one has to be fat if he possesses the will power to deny himself fattening foods, or any foods in large quantities. He discusses some of the more common fad diets and warns against their use as being harmful to health or illusory in terms of actual weight loss.

145-73

DIETARY ALLOWANCES - AN INTERNATIONAL POINT OF VIEW.
Vinayak N Patwardhan
J Am Diet Assoc 56 (3): 191-194. Mar 1970.
389.8 A434
Dietary standards, FAO/WHO, Recommended Dietary Allowances.
Abstract: The national dietary recommendations have been intended for use only within the country for reasonably homogeneous populations living in a well defined environment and with given dietary habits and practices. They have not been applicable to other populations and situations. The author reports on the development of international standards, particularly by FAO/WHO, and concludes that "it is not too much to hope for the time when one international report on dietary allowances with appropriate adjustments built in for different population types and different environmental and dietary conditions will be acceptable to all countries of the world."

- 146-73
DIETARY HABITS AND FOOD CONSUMPTION PATTERNS OF TEENAGE FAMILIES.
M. S. Van de Mark, V. R. S. Underwood.
J. Am Diet Assoc 63 (11): 543-544, Oct 1971.
321,8 J57
Abstract: Caucasian and Negro families studied by 24-hour recall method. All families consisted of teenage mother, father, and baby. Nutrient content calculated and nutrient inadequacies found. Useful data for developing nutritional education programs.
- 147-73
DIETARY INTAKE AND PHYSICAL DEVELOPMENT OF PHOENIX AREA CHILDREN.
Linda Patterson
J Am Diet Assoc 59 (11): 136-140, Aug 1971.
339,3 A334
Abstract: Children, cultural factors, dietary surveys, economic influences, food habits, influences on nutrition, physical development, school lunch programs.
Abstract: A dietary survey of fourth-, fifth-, and sixth-grade children in two school areas of differing socio-economic representation in the Phoenix metropolitan area was carried out in the spring of 1967. The survey included the collection of dietary, anthropometric, and questionnaire data. Relationships between a number of factors which might be related to food habits were investigated: socio-economic status, ethnic background, sex, school lunch participation, use of snacks, attitudes toward body weight, beliefs concerning measures for weight reduction, and knowledge of food groups. Low nutrient levels were more frequent in the lower socio-economic levels, but were not confined to them. Complaints about the school lunch were numerous in the higher socio-economic area, but the school lunch seemed to be well liked by children in the lower socio-economic area.
- 148-73
THE DIETARY IRON DEFICIENCY.
Nutr Today 7 (11): 2-3, Mar/Apr 1972.
347A,43
Abstract: Enrichment, flour, food and drug administration, food standards and legislation, iron, minerals, nutrient values.
Abstract: One of the hottest debates in the field of nutrition and medical practice has been triggered by the proposal of the Food and Drug Administration to permit bakers and flour millers to add three times as much iron to enriched bread and flour as they do at the present time. Bread, in order to be called enriched, has had to contain iron. But now many nutritionists feel that the time has come to triple the amount of iron in these two staple products, and this has caused a furor. This article describes the arguments on both sides.
- 149-73
DIETARY PROTEIN QUALITY IN INFANTS AND CHILDREN - VII. CORN-SOY-WHEAT MACRONUTRIENT.
George J. Graham
J Am Diet Assoc 51 (11): 250-256, Sept 1972.
359,4 A334
Abstract: Infant diets, macronutrients, malnutrition, protein efficiency ratios, protein-rich mixture.
Abstract: A corn-soy-wheat macronutrient with 21 per cent protein was evaluated in feeding trials with malnourished infants. Digestibility of the protein was close to that of modified cow's milk, and net protein utilization was approximately 75 per cent of that of casein. The biologic value was demonstrated in initiating recovery of severely protein-depleted infants. In tests in Peru, Brazil, and the southern U.S., the product has been shown to be highly acceptable.
- 150-73
DIETS OF PRESCHOOL CHILDREN IN THE NORTH CENTRAL REGION: CALCIUM, PHOSPHORUS, AND IRON.
Hazel M. Fox
J Am Diet Assoc 59 (11): 233-237, Sept 1971.
339,3 A334
Abstract: Calcium, phosphorus, preschool children (2-5 years), regional surveys.
Abstract: Calcium, phosphorus, and iron intakes of a sample of preschool children from birth to six years living in the North Central Region were calculated from three-day dietary records obtained by interviews with their mothers. Intakes of the three minerals increased rapidly during the early months, phosphorus intakes continuing to increase but at a slower rate, throughout the remainder of the preschool period. On the other hand, iron intakes declined sharply before the end of the first year and calcium during the second year, followed by a gradual increase in the latter preschool period. Consumption was similar to that reported by Bell over 15 years ago. Calcium and phosphorus intakes compared favorably with the recommended dietary allowances except that the allowances fail to acknowledge the decrease in appetite and growth that occurs in the second year of life. Iron intakes, however, were low.
- 151-73
DIETS OF PRESCHOOL CHILDREN IN THE NORTH CENTRAL REGION: CALCIUM, PROTEIN, FAT, AND CARBOHYDRATE.
Hazel M. Fox
J Am Diet Assoc 57 (11): 228-232, Sept 1971.
339,3 A334
Abstract: Dietary surveys, preschool children (2-5 years), regional surveys.
Abstract: Intakes of food energy, protein, fat, and carbohydrate of 3,444 preschool children in the North Central Region of the U.S. were determined from three-day food records. Intakes of calories, fat, and carbohydrate increased rapidly during the first 12 to 18 months and then slowly from 18 to 72 months. Protein intake increased rapidly until 12 to 18 months, leveled off somewhat between 18 and 36 months, and then increased slowly to 72 months. Approximately two-thirds of the children were receiving the recommended allowances for calories and nearly all the allowances for protein. Boys had higher intakes than girls in comparable age groups, but correcting for body weight reduced the differences. The mean percentage of calories supplied by protein ranged from 15 to 17; by fat, 34 to 40; and by carbohydrate, 43 to 50 for all but the youngest age-sex groups. Family income was not significantly related to intake of these nutrients by the child.
- 152-73
THE DISEASE OF LIVING.
William B. Kannel
Nutr Today 6 (11): 2-11, May/June 1971.
347A,46
Abstract: In a study begun in 1949 in Framingham, Massachusetts, 5,127 men and women, aged 30 to 62 and free of coronary disease when the study began, have been examined every other year for the development of coronary heart disease and other atherosclerotic conditions. The Framingham study concludes that the person who has normal blood pressure, uses little sugar, is neither overweight nor tense, doesn't smoke cigarettes or eat animal fats, and exercises frequently probably won't suffer from atherosclerosis. Probably, but not necessarily.
- 153-73
THE OGGONE TRUTH ABOUT HOT DOGS.
P. Lovrien
Fast Food 72 (11): 36,35,43, Jan 1973.
349,253A F42
Abstract: Food composition (E.P.), frankfurters, proteins, wieners.
Abstract: Composition of wieners and frankfurters compared with other protein foods.
- 154-73
DOING GREAT THINGS (MOTION PICTURE); PRODUCED BY KRAFT FOODS AND DISTRIBUTED BY MODERN TALKING PICTURE SERVICE, INC.
Kraft Foods, Educational Dept.
New Hyde Park, N.Y.; Modern Talking Picture Service 1 reel, 16mm, sd, col, 14 min. Ind. I.
TX364.D6 FEN AV
Abstract: Elementary education, health education, meal patterns, nutrition education.
Credits: Narrator, Greg Morris.
Abstract: This motion picture was made to promote basic nutrition awareness among youngsters. The film shows athletes and astronauts in training and at work, emphasizing the importance of a balanced diet for good mental and physical performance.
- 155-73
THE DRAMATIC STORY OF PKU.
J. L. Cameron
Sch Lunch J p. 49-50, May 1970.
349,8 SC46
Abstract: Amino acid metabolism disorders, children, hypoglycemia, lactose intolerance, mental disorders, phenylalanine-restricted diets, phenylketonuria, protein metabolism disorders.
Abstract: Phenylketonuria and treatment discussed, together with a few other protein metabolic disorders and hypoglycemia, for which control of diet are the only known remedies, if a remedy is known.
- 156-73
DRUGS AND NUTRITION.
A. A. Milne
J Can Diet Assoc 33 (11): 34-45, ref. Mar 1972.
349,9 C1632
Abstract: Dietitians, drugs, foods, nutrition.
Abstract: Drug-drug and drug-food interactions are discussed from the standpoint of the dietitian.
- 157-73
THE NEED FOR CEREAL FOODS OF IMPROVED PROTEIN VALUE IN THE UNITED STATES.
Dumont, de Nemours (E.I.) and Company
Wilmington, Del. 21 A. (Ind. I.).
TX558.C3D8 FEN
Abstract: Breakfast cereals, dietary standards, enrichment, food habits, protein malnutrition, proteins.
Abstract: This paper consists primarily of references collected from other sources demonstrating the prevalence of protein malnutrition in various areas of the United States. Cereal foods are typically an important part of the diet of those who suffer protein deficiencies, and so protein enrichment of cereal foods is seen as an effective way of correcting those deficiencies.

190-73

190-73

NUTRITION EDUCATION GUIDES 4-12, ADULT EDUCATION, DIETETIC INTERNSHIPS.
Edmonds School District No. 15, Wash.
Lynnwood, Wash. 34 p. [n.d.].
TX364.C3 F6N
Adult nutrition education, Elementary education, Integrated curriculum, Nutrition education, Preschool children (2-5 years), School lunch programs, Secondary education, Type A lunch.
Abstract: This study guide is an attempt to relate the serving of adequate and nutritious meals to the total education process, and to teach the importance of and the necessity for establishing sound lifetime nutrition education practices.

159-73

EDUCATION INCREASES CONSUMPTION OF VEGETABLES BY CHILDREN.
Betty B. Alford, Mary M. Tibbitts
J Nutr Educ 3 (1): 12-14, Summer 1971.
TX361.J6
Children, Diabetic diets, Food habits, Nutrition education, Vegetables.
Abstract: Children do not usually like vegetables very much. This article outlines the educational program used to increase the consumption of vegetables by children in a summer camp for diabetics.

160-73

EFFECT OF DIET AND/OR EXERCISE ON DIETARY COLLEGE WOMEN.
Anne K. Rudenstam, Marion Rannin
J Am Diet Assoc 56 (2): 126-129, Feb 1970.
339.8 A534
Cholesterol, College students, Dietary surveys, Exercise, Females, Weight control.
Abstract: The effect of caloric restriction and/or exercise on weight reduction and serum cholesterol and triglyceride levels was studied in 12 dietary college women during a 6-week experimental period. The subjects were divided into 4 groups: (a) 1,200-calorie diet and programmed exercise, (b) diet only, (c) exercise only, and (d) no diet or exercise. The diet-and-exercise group had the largest weight change. The second largest weight loss, only slightly less than the first group, occurred in the diet-only group. The diet-and-exercise group also experienced the greatest reduction in serum triglycerides. There was an apparent trend in serum cholesterol reduction with the diet-and-exercise group showing the greatest reduction, the diet-only group the second largest reduction, and the exercise-only group a small increase.

161-73

EFFECT OF MICROWAVE HEATING ON VITAMIN B6 RETENTION IN CHICKEN.
K. W. Wang, J. C. Alexander
J Am Diet Assoc 61 (5): 661-664, Dec 1972.
339.8 A534
Analytical methods, Food analysis, Microwave cooking, Nutrient content determination, Poultry, Vitamins.
Abstract: In this study, chicken breasts were cooked by microwave (1.5 min.) and in a conventional oven (to 88 degrees C, internal temperature). Vitamin B6 was assayed in cooked samples by a procedure based on the growth response of the yeast *Saccharomyces cerevisiae*. Retention (meat plus drips) in the microwave-cooked samples was 92.5 per cent; in the conventionally cooked samples, 85.4 per cent, a significant difference. Microwave cooking resulted in greater weight loss and less moisture retention than conventional roasting.

162-73

EFFECT OF STORAGE AND OTHER VARIABLES ON COMPOSITION OF FROZEN BROCCOLI.
M. S. Eshart
Food Technol 24 (7): 69-71, Sept 1972.
339.8 F7393
Analytical methods, Food analysis, Food composition, Food preservation, Food storage, Frozen foods, Vegetables.
Abstract: Field grown broccoli was stored (3 degrees C) for 0, 2 and 4 days, blanched in 100 degrees C water or by microwave, packaged in conventional or impermeable bags, freezer stored 1 or 5 months and analyzed before and after cooking. Increases in reduced (TAA) and total ascorbic acid (TAA) resulted from 2 or 4 days storage (3 degrees C) but chlorophyll was little affected. The pH and chlorophyll were lower in microwave than in water blanched samples. Broccoli in impermeable pouches was higher in total acids and slightly lower in total chlorophyll than conventionally packaged. Freezer storage (-15 degrees C) caused a 31% loss in TAA.

163-73

EFFECTS OF FREQUENCY OF EATING - PART 1.
Charlotte M. Young
Food And Nutr News 42 (3): 1, 4, Apr 1971.
339.8 F7332
Diet information, Diet patterns, Food habits, Food intake, Metabolism, Research.
Abstract: In this first part of a two-part article, the author describes research that has been and is being done on the effects of frequency of eating. Beginning with animal studies, interest in feeding frequency expanded to human studies, both epidemiologic and clinical or metabolic. The author points out that research in this area is still very limited and the accumulated data is so far inconclusive as regards the effects of feeding frequency on general nutritional health.

164-73

EFFECTS OF FREQUENCY OF EATING - PART 2.
Charlotte M. Young
Food And Nutr News 42 (3): 1, 4, May 1971.
339.8 F7332
Diet information, Diet patterns, Food habits, Food intake, Frequency of feeding, Metabolism, Research.
Abstract: This is part 2 of a two-part article in which the author continues to quote the research being done on frequency of feeding. She describes studies that deal with feeding frequency and weight reduction, and notes that the findings in this area are conflicting and inconclusive.

165-73

EFFECTS OF MICROWAVES ON FOOD AND RELATED MATERIALS.
C. G. Rosen
Food Technol 26 (7): 36, 37, 39, 40, 55, Jul 1972.
339.5 F7393
Analytical methods, Biochemistry, Chemistry, Food analysis, Food composition, Microwave cooking.
Abstract: The author, adjunct associate professor of radiation biology at the University of Stockholm, reviews the physicochemical and molecular-biological background against which the "more or less fantastic effects caused by microwaves in biological materials" should be interpreted.

166-73

ELIMINATING WARMED-OVER FLAVOR IN PRECOOKED FOOD.
Louis J. Minor
Cornell Hotel And Restaurant Admin Quarterly 11 (2): 45, Aug 1970.
TX901.C67
Additives and adulterants, Convenience foods, Food additives, Frozen foods, Palatability ratings, Prepared foods, Processed foods.
Abstract: Treatment of meat with polyphosphate additives reduces organoleptic changes caused by oxygen and moisture when meat is precooked and stored in refrigerator or freezer. Cooking losses of fluids may be reduced by adding polyphosphate prior to cooking. Cooking time is likewise reduced and freezer-burn is completely eliminated. Ingested excess phosphate is not harmful to the human system as tests show it passes into the urine and out of the body within one-half hour.

167-73

ENRICHMENT AND FORTIFICATION OF FOODS, 1966-70.
Berta Friend
Net Food Situation 142: 29-33, Nov 1972.
1.941 S2F73
Dietary information, Enrichment, Enrichment agents, Food consumption, Fortification agents, Nutrient values, Statistical data.
Abstract: Based on a survey covering 1956-70, enrichment and fortification supplemented nutrients in the 1970 food supply by the following percentages: thiamin, 40 percent; iron, 25 percent; niacin, 20 percent; riboflavin, 15 percent; vitamin A, 10 percent; ascorbic acid, 10 percent; vitamin B6, 4 percent; and vitamin B12, 2 percent. An estimated 65 percent of the white flour is enriched, and nutrients added to other cereal products have increased markedly. Ascorbic acid added to foods has increased almost 2 1/2 times since 1957. Use of vitamin A in milk nearly doubled. The use of vitamin D in food continues to be for fortification of milk. Use of vitamin B6 and B12 in cereals more than doubled over the 5 years. The kinds of iron compounds added to grain products were reported only for 1970.

168-73

TEACHING NUTRITION: UP-TO-DATE NUTRITION FACTS AND WAYS TO USE THEM WELL. 2d ed.
Ercel Edglight, Mattie Pattison, Helen Barbour
Ames, Iowa, Iowa State University Press 345 p. illus. 1971.
TX551.P335 F6N
Developing nations, Evaluation, Food habits, Food supply, History, Malnutrition, Nutrition education, Teaching guides, Teaching methods.
Abstract: This is a guidebook for educators, scientists, and public health workers. It includes facts about nutrition and suggests methods for putting them across to others in order to motivate them toward better eating habits.

169-73

ES TO DETERMINE NUTRIENT CONTENT OF A TYPE "A" LUNCH DISCU.
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 119, July 12/24, 1971.
LB3479.U5P4 F6N
Food composition tables, School lunch.
Abstract: Eight group discussions were held during the seminar. Discussion groups 1 and 2 provided feedback on Dr. Brinkman's three lectures. Groups 3 and 4 were laboratories concerning use of food composition tables and menu planning. Groups 5-8 involve the application of the KUPS model for the solving of problems assigned by seminar faculty. The results for groups 1 and 2 were incorporated into the proceedings of the original lectures. For groups 3, 4, 7, and 8 the problems assigned are briefly presented but the results of the discussions are not included in the proceedings. Assigned problems and discussion results are included for groups 5 and 6.

- 170-73
EXERCISE, DIETARY INTAKE, AND BODY COMPOSITION.
Ruth E. Johnson, Joseph A. Mastropasola, Marion A. Wharton
J Am Diet Assoc 51 (4): 399-403, Oct 1972.
389.5 AM34
Body composition, Diet information, Dietary surveys, Energy, Exercise, Food analysis, Food intake, Meal patterns.
Abstract: College women reported food intake by dietary records and dietary history for ten weeks during which they followed a supervised exercise program. As the exercise program progressed, work rate increased, as did heart rate during exercise. Skinfolds, body fat, and energy intake decreased significantly, but there was no significant change in body weight. Intakes of carbohydrate and calories decreased significantly, whereas protein change was minimal.
- 171-73
THE EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM.
Robert E. Frye
Family Econ Review 30-33, Mar 1971.
A321.9 R31
Agricultural Extension Service, Educational programs, Food consumption, Nutrition education, U.S. Dept. of Agriculture.
Abstract: This article describes the numbers and kinds of people who participate in the Expanded Food and Nutrition Education Program and enumerates some general characteristics of the families involved. The goal of the program is to help families acquire the knowledge, skills, and behavior to achieve more adequate diets.
- 172-73
THE EXPERTS DEBATE: THE ADDED ENRICHMENT OF BREAD AND FLOUR WITH IRON.
Nutra Today 7 (2): 4-9, Mar/Apr 1972.
R4784.48
Breads, Enrichment, Flour, Food standards and legislation, Iron, Minerals, Nutrient values.
Abstract: This article is a transcript of the opening remarks of a roundtable discussion in which ten nutrition experts debated the pros and cons of additional iron enrichment of bread and flour.
- 173-73
EXPLANATION OF FOOD COMPOSITION TABLES AND COMPARISON OF ACTUAL INTAKE WITH RECOMMENDED INTAKE.
G. Lynn Brinkman
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 56-58, July 12/24, 1971.
L83479.5J54 F64
Nutrient values, Recommended Dietary Allowances.
Abstract: This paper explains food composition tables, and discusses the comparison of actual intake with recommended intake. A listing of three of the better known food tables and a brief discussion of the report, Recommended Dietary Allowances are included.
- 174-73
EXPLORING THE NEED FOR NUTRITION EDUCATION.
Dorothy J. Pringle
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 12-13, July 19/30, 1971.
L83479.5J54 F64
Malnutrition, Nutrition education.
Abstract: This paper explores the reasons for malnutrition in the U.S., and discusses the proper approach to nutrition education.
- 175-73
FACT AND FANCY IN NUTRITION AND FOOD SCIENCE - CHEMICAL RESIDUES IN FOODS.
Thomas H. Jukes
J Am Diet Assoc 59 (3): 203-211, Sept 1971.
359.3 AM34
Chemical contaminants, Food beliefs, Food misinformation, Pesticide residues, Research methodology, Toxicity.
Abstract: The public reaction towards the use of chemical technology in the production and processing of food has been greatly heightened by the environmentalist movement. The author feels that misinformation has been circulated in the news media about DDT, mercury, antioxidants, and antibiotics. For example, the author states that "DDT is one of the safest compounds ever to be placed in contact with human beings," although "its effects on wildlife are largely unknown." In the other cases, the author opposes the environmentalist's arguments by noting that: "The mercury present in fish of the deep oceans, including tuna, swordfish, and albacore, is of natural origin, and the Food and Drug Administration should make this clear to the public," that "a typical antioxidant has been shown to prolong the life of mice to a highly significant extent," and that "the major antibiotics used in animal feeds were thoroughly tested for safety more than 15 years ago."
- 176-73
FAT METABOLISM IN CHILDREN - INFLUENCE OF DIETARY PROTEIN AND CALCIUM ON SERUM LIPIDS OF PRE-ADOLESCENT GIRLS.
Joanette C. Groban
J Am Diet Assoc 57 (6): 513-516, Dec 1970.
389.8 AM34
Calcium, Children, Fats and oils, Food intake, Lipids, Metabolism, Nutrient content determination, Proteins.
Abstract: Fifteen healthy girls, seven to nine years old, participated in a 36-day metabolic study. The dietary variables were Protein and calcium. After a six-day adjustment diet containing intermediate levels of the dietary variable, each girl was assigned for 30 days to one of four diets. The levels of protein and calcium intake for the four diets were: 26 gm. and 259 mg.; 25 gm. and 618 mg.; 46 gm. and 260 mg.; and 46 gm. and 622 mg., respectively. The apparent digestibility of fat and the amount of fecal fat were not influenced by the low to moderate levels of dietary calcium and protein, and no significant changes were observed in the serum lipids which could be attributed to the dietary variables.
- 177-73
FATS AND HEART DISEASE.
G. Lynn Brinkman
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 49-51, July 12/24, 1971.
L83479.5J54 F64
Cardiovascular disorders, Disease prevention.
Abstract: This paper reviews the various types of fats and their chemical composition. The relationships between the intake of saturated fats and cholesterol and arteriosclerosis and heart disease are included.
- 178-73
FATTY ACIDS IN FOODS SERVED IN A UNIVERSITY FOOD SERVICE.
Louise Guild, Dorothy Deethardt, Elizabeth Rust
J Am Diet Assoc 61 (2): 149-151, Aug 1972.
389.8 AM34
Analytical methods, College food service, Fatty acids, Food analysis, Food groups, Lipids, Nutrient content determination.
Abstract: Samples of 36 foods offered in a cafeteria line of a university food service were analyzed by gas-liquid chromatography for fatty acids. Data are reported for 11 major fatty acids and for other unidentified peaks. The latter, although usually representing less than 1 per cent, accounted for 10 per cent or more of the total fatty acids in some foods. At least 53 different fatty acid peaks were found, although no single sample had more than 40.
- 179-73
FATTY ACIDS IN NEWER BRANDS OF MARGARINE.
Peter Miljanich, Rosemarie Ostwald
J Am Diet Assoc 55 (1): 29-30, Jan 1970.
389.5 AM34
Cholesterol, Fatty acids, Food composition, Margarine.
Abstract: The importance of dietary polyunsaturated fatty acids in the regulation of the level of cholesterol in blood has been well established. Indications that lowering of blood cholesterol levels may be beneficial in preventing atherosclerotic heart disease is accumulating. This article presents data on the fatty acid composition of some margarines which have recently become commercially available.
- 180-73
FATTY ACIDS, CHOLESTEROL, AND PROXIMATE ANALYSES OF SOME READY-TO-EAT FOODS.
Bluebell R. Standal
J Am Diet Assoc 56 (5): 392-396, May 1970.
389.5 AM34
Analytical methods, Cholesterol, Convenience foods, Fatty acids, Food analysis, Nutrient content determination, Proximate composition.
Abstract: This study of certain processed and prepared foods has demonstrated that foods of the same name do not necessarily have the same nutrient values. The values presented could have been influenced by the state of dehydration, the types of fats and oils used in the cooking, and the individual practices of bakers, restaurateurs, food companies, and cooks. Calculation of nutrient content from the raw ingredients to prepared foods, while useful, can be of limited value, particularly in cases where food tables do not give the moisture content of the raw ingredients. This is true of Oriental foods, particularly. If more accurate information is needed, biochemical analysis of foods as consumed is obviously to be preferred.
- 181-73
FEEDING CHILDREN.
Food Mgt 8 (2): 32-37, Feb 1973.
TX943.F6
Diet improvement, Food habits, Food preferences, Meal patterns, Mental retardation, Physical development, Physically handicapped, Preschool children (2-5 years), School children (6-11 years).
Abstract: This article tackles the question: how are children, both normal as well as retarded, to be nourished and find enjoyment in eating? The author suggests ways of helping the mentally and physically handicapped child through repetition and response, getting him to use utensils properly and to chew and swallow food. Special diets that fit the child's development are recommended for each of these stages. Suggestions are also made to improve the food service and training of patients in children's hospitals.
- 182-73
INTRODUCTION TO NUTRITION. 2d ed.
Mehrlotte Fleck
New York, Macmillan 503 p. illus. 1971.

183-73

TX353.F54 FEN

Age groups, Dental health, Food foods, Food habits, Food selection, Influences on nutrition, Nutrition education, School lunch programs, Textbooks.

Abstract: This textbook presents a total picture of nutrition to the college student and others. Factors that influence a person's state of nutrition--the impact of social, scientific, economic, psychological, political, environmental, and other influences upon eating patterns--are also discussed. Specific case studies are presented of persons who applied the principles of nutrition to their consumption of food. Although this is a basic text in nutrition, the author assumes a sophisticated knowledge of concepts in the physical and social sciences. There is a thorough treatment of the basic concepts of nutrition from an interdisciplinary approach, coupled with an application to the needs and problems of individual persons.

183-73

MATERIALS AND METHODS IN NUTRITION EDUCATION: PROCEEDINGS, NUTRITION EDUCATION SEMINAR, 1971.
Florida Agricultural and Mechanical University, Dept. of Home Economics.
Tallahassee, Fla. 215 p. 1971.
LB3479.J5 FEN

Food service training, Inservice education, Instructional aids, Nutrition education, Proceedings, Resource guides, School food service, Seminars, Teaching techniques.
Abstract: This two-week seminar was planned primarily to expand and update knowledge of nutrition education materials and methods for food service training programs. The seminar was structured in four major areas: (1) general information, (2) roles and challenges, (3) instructional, and (4) implementation. These areas were developed through a selection of relevant topics for readings, guest lecture presentations, discussions, panels, and other individual and group activities.

184-73

FOCUS ON NUTRITION...YOU CAN'T TEACH A HUNGRY CHILD. 2.
D L Callahan
Sch Foodserv J 25 (1-4,25, 81: 25-27,30,33-35,37-38,40, Sept 1971.
389.8 SC46
Children, Hunger, Malnutrition, Mental retardation, Nutrition, School breakfast programs, Surveys.
Abstract: Results of a survey of Massachusetts school children, emphasizing the breakfast survey, basic four, and miscellaneous data.

185-73

FOCUS ON OPTIMAL DEVELOPMENT: IMPROVING CHILD NUTRITION.
Annabelle D Selph
J Nutr Educ 4 (2): 68-69, Spring 1972.
TX341.J5
Community action, Health education, North Carolina, Nutrition education, School community relations.
Abstract: The author documents a comprehensive health and nutrition project that was begun in a low-income area of Durham, North Carolina. Community participation in the nutrition education programs of the public schools was an essential ingredient of the project. The overall objective was to develop an interdisciplinary team in a public school setting, made up of health, nutrition, social, and educational personnel under the direction of a joint advisory council of parents, teachers, and representatives from community service agencies. Six other objectives included (1) increasing of parent participation in school nutritional programs, (2) better utilization of community services, (3) better students' nutritional intake, (4) train professionals and para-professionals to see the effect of good nutrition on overall health and learning ability, (5) improve the physical status of the children, and (6) improve teacher awareness of their students' needs.

186-73

FOLACIN IN WHEAT AND SELECTED FOODS.
Susan Butterfield, Doris Howes Calloway
J Am Diet Assoc 50 (4): 310-314, Apr 1972.
389.8 A434
Analytical methods, Folicin, Food analysis, Nutrient content determination, Nutrient values, Vitamins, Water-soluble vitamins, Wheat.
Abstract: Wheat fractions and breads made from these fractions were analyzed for free and total folicin using L. Casei with ascorbic acid in the medium. Of the wheat fractions assayed, germ and bran were highest in folicin, and whole wheat flour had twice as much as baker's patent flour. Bread contained more folicin than the flour from which it was made, due primarily to the addition of yeast. Folicin content of single-strength orange juice was retained in the frozen concentrate. Values for these products and for cabbage, romaine, banana, and egg yolk were higher than reported previously due to improved assay procedures. However, variability was large, indicating that more research is needed to improve the reliability and reproducibility of the assay method for folicin in food.

187-73

FOOD AND NUTRITION EDUCATION IN THE PRIMARY SCHOOLS: A GUIDE FOR ITS INTRODUCTION.
Food and Agriculture Organization of the United Nations
Rome 107 p. 1971.
LB3567.N485 FEN
Developing nations, Elementary education, Evaluation, Foods

Instruction, Instructional materials, Integrated curriculum, Nutrition education, School lunch programs, Teaching guides.
Abstract: This guide describes the importance of nutrition education in the primary school, the various stages of introducing it into the curriculum, the instruments necessary to implementation, and evaluation of results. Stress is on in-service teacher training and preparation of manuals and audiovisuals for teaching nutrition. A scheme for introducing nutrition education in the overall curriculum is presented.

188-73

CALORIE REQUIREMENTS: REPORT OF THE SECOND COMMITTEE ON CALORIE REQUIREMENTS.
Food and Agriculture Organization of the United Nations, Committee on Calorie Requirements
Rome 67 p. 1957.

TX551.F6 FEN (Food and Agricultural Organization of the United Nations. FAO nutritional studies, no. 15)
Age groups, Alcoholic beverages, Caloric intake, Climatic factors, Dietary standards, Reference man, Reference woman, Research methodology.

Abstract: Human beings must obtain enough energy from the food they eat if they are to be healthy and active. The study of calorie requirements attempts to express this primary need in quantitative terms. The purpose of the present report is to contribute further to this study and to define requirements as precisely as existing knowledge allows. This report is a revised and extended version of the first report. While much of the first report has been retained, significant changes have been introduced. The requirements of children have been reassessed and the methods of allowing for the influence of age and climate on requirements have been modified. Greater attention has been given to the important problem of the relationship between activity and requirements.

189-73

FOOD ACCEPTANCE AND NUTRIENT INTAKE OF PRESCHOOL CHILDREN.
Inez Harrill, Carmen Smith, Joan Anderson Gangover
J Nutr Educ 4(3): 103-105, Summer 1972.
TX341.J6
Food intake, Food preferences, Nutrient values, Nutrition education, Preschool children (2-5 years), Vegetables.
Abstract: The nutritive value of foods consumed at the noon meal and morning snack by preschool children 3 to 5 years of age was calculated from weighed diets. Mean dietary intakes except for calories, iron, and thiamin equaled or exceeded one-third of the RDA. The proportion of the caloric and nutrient intake provided by the various food groups reflected the preferences of the children for certain foods. Vegetables were eaten sparingly. A food information program increased the mean intake of four test vegetables.

190-73

FOOD AND NUTRIENT INTAKE OF CHILDREN FROM BIRTH TO FOUR YEARS OF AGE.
Priscilla D Steele, Juanita A Eagles
Natr Program News 1-6, Sept/Oct 1971.
1.982 A24955
Children, Dietary surveys, Economic influences, Food intake, Influences on nutrition, Nutrient intake.
Abstract: This study on children from birth to 4 years of age showed that: (1) infants under 1 year met the RDA for more nutrients than children 1 to 4 years; (2) the major problem with children from low-income families was the low intake of iron. Average intakes of ascorbic acid and calcium were also frequently below recommended levels; (3) average diets were above the RDA for protein and vitamin A values; and (4) infants in the United States as a whole, consumed more fresh whole milk than evaporated milk or concentrated liquid formulas.

191-73

FOOD AND NUTRITION EDUCATION FOR MENTALLY DISTURBED WOMEN.
Margaret Wilkinson
J Nutr Educ 3 (1): 14-15, Summer 1971.
TX341.J6
Emotionally disturbed, Foods instruction, Mental disorders, Nutrition education.
Abstract: An evaluation of teaching nutrition/meal management classes for emotionally disturbed women in a day care center is presented. Such classes may be of therapeutic as well as practical value.

192-73

FOOD BELIEFS AFFECT NUTRITIONAL STATUS OF MALAY FISHERFOLK.
Christina S Wilson
J Nutr Educ 2 (3): 96-98, Winter 1971.
TX341.J6
Cultural factors, Food beliefs, Food restrictions, Food superstitions, Food taboos, Malaya, Nutritional status, Resistance to change.
Abstract: Food beliefs can have great influence on nutrient status. Traditional attitudes and customs sometimes forbid the intake of nutritionally superior foods at a time when the individual critically needs them. The author points out the ways in which food habits affect health, and emphasize the fact that culturally conditioned food habits are difficult to change, because such habits are very important emotionally to the people holding them.

PAGE 16

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- 193-73
FOOD CONSUMPTION OF LOW-INCOME, RURAL NEGRO HOUSEHOLDS IN MISSISSIPPI.
Cecilia Schuck, June B Farris
J Am Diet Assoc 52 (3): 151-155, Feb 1972.
349.4 AM34
Diet patterns, Dietary study methods, Dietary surveys, Food intake, Mississippi, Negroes.
Abstract: The authors conducted a dietary survey of 461 low-income, rural Negro households in three counties in Mississippi. Money value of foods used tended to increase with household size and income. Meats and grains were the principal contributors to caloric value. Fat represented over 40 per cent of calories and was derived chiefly from meats. Home-produced foods contributed little to food used at any income level.
- 194-73
FOOD FACTS AND FADS.
W Frank Shippe
Cornell Hotel And Restaurant Admin Quarterly 13 (2): 33, Aug 1972.
TX901.267
Food composition, Food fads, Food misinformation, Food preferences, Food quickery, Palatability ratings.
Abstract: It is said there are two types of facts - those that are true and those that are not. This article presents both types of facts. The untrue facts are the ones which often give rise to fads. The author presents a number of food fads (and the untrue facts that back them up), and then presents the true facts for each case.
- 195-73
FOOD FADDISH.
National Dairy Council
Dairy Council Dig 44 (1): 1-14, Jan/Feb 1973.
349.4 D14
Food beliefs, Food fads, Food misinformation, Nutrition education, Organic foods.
Extract: The health, economic, and social problems resulting from adherence to food faddism are receiving increased attention. The extent of food faddism is noteworthy and the most serious problem is that individuals follow bizarre dietary patterns in preference to seeking competent medical attention. In this Digest many interrelated forms of food faddism are discussed, such as 'organically-grown' and 'natural' foods, and Zen-macropirotic diets. The popular movement toward food faddism presents a challenge to nutrition and allied health leaders to become cognizant, concerned, and involved as educators. (NDC).
- 196-73
FOOD FOR A MODERN WORLD (MOTION PICTURE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
Dairy Council of California
Los Angeles, Mexler Film Productions 1 reel, 16mm, sd, col, 10 min. 1958.
TX353.F62 F6N AV
Agriculture, Food supply.
Includes teacher's guide. Also available in videocassette.
Abstract: Prepared for senior high school students and for adults, this film traces developments in the U.S. food technology and agriculture over the past fifty years, and it concerns our ability to produce and preserve food with situations in other parts of the world. As the film fosters appreciation for our own country's agricultural achievements, it also makes clear the imperative need to extend modern farming techniques to peoples everywhere.
- 197-73
FOOD FOR HEALTH: CALORIES (FILM LOOP); MADE BY MORELAND-LATCHFORD PRODUCTIONS, DISTRIBUTED BY STERLING EDUCATIONAL FILMS, INC.
Moreland-Latchford Productions, Ltd
Toronto, Moreland-Latchford Productions, Ltd. 1 cassette, super 8mm, sl, col, 5 min. 1967.
TX364.F62 F6N AV (Food for health series)
Caloric intake, Caloric values, Dietary standards, Digestion, Nutrition education, Secondary education.
For use in a Technicolor cassette projector.
Abstract: This motion picture begins with the chemical changes that take place in digestion, then tells what calories measure, how many calories different foods supply, why different people need different amounts, and how excess calories cause obesity.
- 198-73
FOOD FOR LIFE (MOTION PICTURE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
Dairy Council of California
Los Angeles, Mexler Film Productions 1 reel, 16mm, sd, col, 10 min. 1954.
364.F62322 F6N AV
Developing nations, Food habits, Food supply, Malnutrition, Nutrition education, Obesity.
Includes teacher's guide. Also available in videocassette.
Abstract: This film's purpose is to explain how various forms of malnutrition are caused and what can be done to prevent them. To this end the film compares the food practices and problems of four teenagers--two Americans, a South American, and an Asian. Tara, a teen-ager living in India, is poorly nourished because there is neither quantity nor variety in her village's food supply; American teen-ager Karen Mathews has enough to eat but chooses the wrong kinds of foods. Emilio Salas, 16 year old Colombian, has plenty to eat, but a sufficient variety of foods is unavailable. He suffers from protein deficiency. Bob Henderson, another American teen-ager, is overweight and rarely exercises. Analyzing these problems, the film explains that Tara will not have enough to eat until her village has means to produce enough food; that without an adequate supply of protein, Emilio--along with millions of other children--suffers from Kwashiorkor; the only ways Bob can lose weight are to eat less and exercise more; and that while all four suffer from malnutrition, only Karen and Bob can help themselves.
- 199-73
FOOD FOR LIFE (VIDEOCASSETTE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
Dairy Council of California
Los Angeles, Mexler Film Productions 1 videocassette, sd, col, 22 min, 3/4", 1980.
TX364.F6232 F6N AV
Developing nations, Food habits, Food supply, Malnutrition, Nutrition education, Obesity.
For use in videocassette player. Includes teacher's guide.
Abstract: This film's purpose is to explain how various forms of malnutrition are caused and what can be done to prevent them. To this end the film compares the food practices and problems of four teenagers--two Americans, a South American, and an Asian. Tara, a teen-ager living in India, is poorly nourished because there is neither quantity nor variety in her village's food supply; American teen-ager Karen Mathews has enough to eat but chooses the wrong kinds of foods. Emilio Salas, 16 year old Colombian, has plenty to eat, but a sufficient variety of foods is unavailable. He suffers from protein deficiency. Bob Henderson, another American teen-ager, is overweight and rarely exercises. Analyzing these problems, the film explains that Tara will not have enough to eat until her village has means to produce enough food; that without an adequate supply of protein, Emilio--along with millions of other children--suffers from Kwashiorkor; the only ways Bob can lose weight are to eat less and exercise more; and that while all four suffer from malnutrition, only Karen and Bob can help themselves.
- 200-73
FOOD GUIDES (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBART TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Melrose, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. Ind.d.l.
TX364.F622 F6N AV (Vocational Library: food management--food for health series)
Food groups, Foods instruction, Health education, Nutrition education.
For use in a Technicolor cassette projector.
Abstract: This motion picture illustrates the four basic food groups by showing examples of foods from each group.
- 201-73
FOOD HABITS OF LOW-INCOME CHILDREN IN NORTHERN NEW YORK.
Dive Sanjur, Anna D Scome
J Nutr Educ 2 (3): 85-95, Winter 1971.
TX341.J6
Cultural factors, Food dislikes, Food habits, Food preferences, Income groups, Meal patterns.
Abstract: Food patterns of the poor have been of concern for at least 25 years. This investigation was done in the light of a socio-cultural context. The authors attempt to suggest a multidimensional code for describing and recording the dietary pattern of a group of people.
- 202-73
FOOD HABITS OF MIGRANT FARM WORKERS IN CALIFORNIA - COMPARISONS BETWEEN MEXICAN-AMERICANS AND "ANGLOS".
Christine M Bruhn, Rose Marie Pangborn
J Am Diet Assoc 59 (4): 347-355, Oct 1971.
349.4 AM34
Dietary surveys, Food habits, Food preferences, Food symbolism, Low income groups, Mexican-Americans, Migrant workers.
Abstract: Sixty-five migrant agriculture families of Mexican descent and 26 families of "Anglo" heritage were interviewed concerning their food purchasing patterns, food preferences, cooking practices, the emotional significance of foods, and their desire for changing their food habits. The Mexican families shopped once a week and most Anglo families shopped every day, spending \$40 and \$50 per week, respectively, at markets chosen for their low prices. Both groups demonstrated food habits with similarities due to the common restraints of low income, but also revealed differences due to their respective ethnic backgrounds and exposure to other groups. The strong family ties and limited facility in English of the Mexican families caused them to be more inner-directed, thereby limiting their exposure to the life-style and eating habits of others. Anglo families, on the other hand, had no language impediments, could readily obtain the ingredients used in the foods of their choice, and had a wider exposure to the food habits of other people.

203-73

203-73

FOOD INTAKE OF INFANTS ATTENDING WELL-BABY CLINICS IN HONOLULU.

Claire Hughes Mo, Myrtle L Brown
J Am Diet Assoc 57 (1): 17-21, Jul 1970.
389.8 AM34

Dietary information; Dietary surveys; Food intake; Food intake determination; Honolulu; Infants (to 2 years); Nutrient content determination.

Abstract: This study found that food intakes of nearly all of 52 infants, two to nine months of age, met at least two-thirds of the recommended allowances for nutrients except for iron. Sodium intakes were, for the most part, above the requirement for growth and for some infants approached or exceeded suggested maximum levels. The possible relationship of sodium intake in infancy to hypertension in later life is discussed.

204-73

FOOD IS MORE THAN NUTRIENTS.

E N Todhunter
Food And Nutr News 43 (6/71): 1-4, Mar/Apr 1972.
389.3 F7332

Cultural factors; Food selection; Food symbolism; Foods; Nutrients.

Abstract: Many cultural and symbolic factors, as well as nutrients, play a part in food selection.

205-73

FOOD MICROBIOLOGY: THEORETICAL BASIS AND POPULARIZED MATERIAL.

Mary Coleman
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 46-48, July 22/24, 1971.
L83472.J584 F64

Food poisoning; Satellite.

Abstract: This paper discusses food poisoning causes and its control. Keeping foods below 40 degrees F or above 140 degrees F is recommended. Problems involved in satellite feeding are presented.

206-73

FOOD PRACTICES AND PREFERENCES OF SOME COLLEGE STUDENTS.

Ann V Stasch, Ann Martha Johnson, Glennell J Spandler
J Am Diet Assoc 57 (6): 523-527, Dec 1970.
389.8 AM34

College students; Food habits; Food preferences; Young adults (20-34 years).

Abstract: Do food habits learned at home carry over when young people go to college? Do their food preferences change? The survey of New Mexico freshman students reported in this article covered these points, as well as their milk-drinking habits and intake of ascorbic acid-rich foods.

207-73

FOOD PURCHASING PRACTICES OF YOUNG FAMILIES.

G Lankin, M L Haischer, M B Jones
J Home Econ 52 (3): 598-604, ref. Oct 1970.
321.4 J52

Consumer economics; Convenience foods; Food purchasing; Fresh; Meat; Milk; Nutrients; Preschool children (2-5 years); Vegetables.

Abstract: Days in which preschool children influence family food-buying practices. Implications for educational programs may be inferred. Based on North Central Regional Study of Diets of Preschool Children.

208-73

FOOD QUALITY - A FOCUS FOR TOGETHERNESS FOR FOOD SCIENTISTS AND NUTRITIONISTS.

George F Stewart
J Nutr Educ 5(1): 9-12, Jan/Mar 1973.
TX364.F6 F64

Consumer education; Convenience foods; Food quality; Food sanitation; Food science; Food technology; Nutrient values; Nutrition; Palatability ratings.

Abstract: The author calls for increased cooperation between food scientists and nutritionists in order to guarantee that proper consideration will be given to the nutritional quality of new food products being developed and marketed by commercial processors. This will require a more balanced assessment of quality by both groups with common recognition of six attributes: (1) safety and purity, (2) sensory properties, (3) convenience, (4) shelf life, (5) functional properties, and (6) nutritive value.

209-73

FOOD USES OF TRITICALE.

K Lorenz
Food Technol 26 (11): 56-74, Nov 1972.
389.8 F7393

Baked goods; Grain products; Nutrient content determination; Proteins; Wheat.

Abstract: Triticale, a hybrid of wheat and rye, offers potential as a good source of protein and lysine. This article discusses the composition, characteristics, and potential uses of triticale and presents data on its use in breads, rolls, and noodles.

210-73

FOOD, ENERGY, AND YOU (VIDEOCASSETTE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.

Dairy Council of California
Los Angeles, Wexler Film Productions 1 videocassette, sd, col, 18 min, 3/4". 1968.
TX364.F623 F64 AV
Elementary education; Energy metabolism; Food habits; Nutrition education; Weight control.
For use in videocassette player. Includes teacher's guide.
Abstract: This film's intention is to demonstrate with scientific evidence the process by which food supplies us with energy; and to make clear how and why sensible eating habits contribute significantly to our physical well-being. The film shows: (1) that energy is stored in food, as evidenced by the heat and light given off when foods are burned; (2) how energy, originating from the sun, becomes stored in food by photosynthesis; (3) how, through oxidation, energy is subsequently released in the body; (4) that the ADP-ATP system in our cells converts food energy to physical energy; (5) that different people require different amounts of energy; and the film verifies that the "only way to gain weight is to take in more energy than you use--and the only ways to lose weight are to take in less energy or use more".

211-73

FOOD, ENERGY, AND YOU (MOTION PICTURE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.

Perennial Education of California
Los Angeles, Wexler Film Productions 1 reel, 16 mm, sd, col, 10 min, 1968.
TX364.F62324 F64 AV

Elementary education; Energy metabolism; Food habits; Nutrition education; Weight control.

Includes teacher's guide. Also available in videocassette.
Abstract: This film's intention is to demonstrate with scientific evidence the process by which food supplies us with energy; and to make clear how and why sensible eating habits contribute significantly to our physical well-being. The film shows: (1) that energy is stored in food, as evidenced by the heat and light given off when foods are burned; (2) how energy, originating from the sun, becomes stored in food by photosynthesis; (3) how, through oxidation, energy is subsequently released in the body; (4) that the ADP-ATP system in our cells convert food energy to physical energy; (5) that different people require different amounts of energy; and the film verifies that the "only way to gain weight is to take in more energy than you use--and the only ways to lose weight are to take in less energy or use more".

212-73

FOODS FOR TEENS: SNACKS THAT COUNT (SHOW'N TELL); PRODUCED BY THE U.S. EXTENSION SERVICE AND DISTRIBUTED BY THE DOUBLE SIXTEEN CO.

U.S., Extension Service
Wheaton, Ill., Double Sixteen Co. 2 filmstrip keys, 15, 15 Fr., col, 16mm and phonodisc. [n.d.].
TX364.F6 F64 AV

Food habits; Nutrients; Nutrition education; Secondary education; Snacks.

For use with a General Electric Show'N Tell Photo-Viewer. Includes phonodisc: 33 1/3 rpm.

Abstract: This phonorecord contains two selections. "Food for Teens" describes the foods teenagers need and why. "Snacks that Count" provides information on the nutrients contained in common snacks.

213-73

FOOD SCIENCES: A CHEMICAL APPROACH. Second edition.

Brian A Fox, Allan G Cameron
London, University of London Press Ltd. 381 p. illus. 1970.
TX354.F66 F64

Carbohydrates; Digestion and absorption; Fats and oils; Food chemistry; Food preservation; Food science; Food storage; Nutrients; Proteins.

Abstract: This book was originally written in an effort to combine, at a fairly elementary level, a discussion of the chemical nature of food with a description of what happens to food when it is cooked and eaten. The second edition includes extended chapters on food preservation, fats and oils, bread and flour, proteins, and a new chapter on cooking and diet.

214-73

FREQUENCY OF FEEDING, WEIGHT REDUCTION, AND BODY COMPOSITION.

Charlotte M Young
J Am Diet Assoc 59 (5): 466-472, Nov 1971.
389.8 AM34

Body composition; College students; Frequency of feeding; Meal patterns; Obesity; Weight control.

Abstract: Eleven moderately obese young college men were subjected to weight reduction over a 14-week period on a rigidly controlled 1,300-calorie diet fed either as six, three, or one meals per day. The effects of the frequency of feeding and of weight reduction on body composition and on nutrient utilization were studied with the following results: (a) neither frequency of feeding nor stage of weight loss had a significant effect on weight loss; (b) frequency had no significant effect on losses in fat, skinfold thicknesses, or body circumference. However, for each parameter, losses were greater in the early stage of weight reduction than later; (c) frequency had no significant effect on nitrogen or sodium retention, or potassium excretion. Nitrogen and sodium retentions were greater early in the weight reduction; (d) the young men favored

PAGE 18

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three meals a day; six meals were considered a "bother"; in some cases, one meal a day was a "strain".

- 215-73**
FREQUENCY OF FEEDING, WEIGHT REDUCTION, AND NUTRIENT UTILIZATION.
Charlotte M Young
J Am Diet Assoc 59 (5): 473-480. Nov 1971.
349.8 AM34
College students, Frequency of feeding, Metabolic studies, Obesity, Weight control.
Abstract: Eleven moderately obese young college men engaged in their usual activities were subjected to weight reduction on a rigidly controlled, 1,800-calorie diet fed either as six, three, or one meal(s) per day. The effects of the various frequencies of feeding and of weight reduction on the utilization of carbohydrate and fat were studied by xylene absorption and oral glucose tolerance tests and by following serum lipid changes, respectively. In one meal a day, oral glucose tolerance was significantly reduced and serum cholesterol significantly increased over that observed on three or six meals a day. Frequency of feeding did not significantly affect xylene absorption, serum phospholipids, or triglycerides. The latter significantly decreased with weight reduction.
- 216-73**
FRUIT AND VEGETABLE ACCEPTANCE BY STUDENTS - FACTORS IN ACCEPTANCE AND PERFORMANCE.
Mabel A Walker, Mary M Hill, Frank D Millman
J Am Diet Assoc 62 (3): 268-272. Mar 1973.
349.8 AM34
Cultural factors, Food habits, Food preferences, Fruits, Surveys, Vegetables.
Abstract: Preference and acceptance of fruits and vegetables by elementary and high school students were surveyed by interview and questionnaire responses by the students themselves and their parents. Both middle and low-income groups were represented, as well as three geographic regions. Fruits were apparently preferred to vegetables, and cooked over raw vegetables. Parents' attitudes seem to influence their children's food behavior. Rejection of some fruits and vegetables was apparently based on prejudice and unfamiliarity. Household consumption of fruits and vegetables is affected by acceptability, with mothers tending to serve only those acceptable to their families.
- 217-73**
FULFILLING THE SCIENTIFIC COMMUNITY'S RESPONSIBILITY FOR NUTRITION AND FOOD SAFETY.
W J Darby
Food Technol 26 (8): 35, 36, 37. Aug 1972.
349.8 F7398
Additives and adulterants, Chemical contaminants, Food contaminants, Food standards and legislation, Nutrient values, Nutrition, Safety.
Abstract: Developments in science and technology during the past 3 decades have caused misunderstandings and conflicts that lead to unwarranted and unnecessary policy decisions, legislative action, and regulatory measures. To make sound policy decisions requires mutual understanding and confidence among scientists and public officials. The Nutrition Foundation can play an important role in this area.
- 218-73**
FUNCTIONAL PROPERTIES OF CARBOHYDRATES.
M H Katz
Food Technol 26 (3): 20-22. Mar 1972.
349.8 F7398
Analytical methods, Carbohydrates, Food analysis, Measurement.
Abstract: Properties of carbohydrates ingredients and of foods containing these ingredients are usually described in qualitative rather than quantitative terms because existing tests generally rely on subjective sensory evaluation without any objective measurement of functionality. This paper presents a method of quantifying the functional properties of carbohydrates.
- 219-73**
FUNCTIONS AND INTERRELATIONSHIPS OF VITAMINS.
National Dairy Council
Dairy Council Dig 43 (5): 25-28. Sept/Oct 1972.
349.8 D14
Biochemistry, Milk, Recommended Dietary Allowances, Vitamins.
Extract: The purpose of this Digest is to present significant contributions of contemporary vitamin research specifically for vitamins A, D, E, B12, and folate. The basic biochemical role of vitamins and their interrelationships are discussed. Whole milk is a valuable contributor to the vitamin RDA; in particular, riboflavin, vitamin B12, niacin equivalents, and vitamin A. In general, the intake of a nutritionally adequate diet incorporating a variety of foods seldom results in a vitamin deficiency. (NDC).
- 220-73**
GASTROINTESTINAL ABSORPTION (SLIDES); NUTRITION TODAY; TEACHING AID NUMBER 1. DISTRIBUTED BY NUTRITION TODAY, WASHINGTON, D.C.
Frenz J Ingelfinger
Nutrition Today
Washington, Nutrition Today 9 slides, 2" x 2", color. 1969.
QP156.G3 FEN AV (Nutrition Today; teaching aid number 1.)
Digestion and absorption, Instructional aids, Nutrition education.

tion.
Kit includes: 9 slides and 6 syllabuses.
Abstract: The mucosa lining the canal of the small intestine consists of a single layer of epithelial cells resting on a supporting structure of connective tissue interlaced by vascular and lymphatic channels, the lamina propria. In its simplest terms, absorption is the process whereby selected intestinal contents are moved across the intestinal epithelium and into the vessels of the lamina propria. The details of the morphologic pathway of absorption are, however, more elaborate. Absorption requires (1) penetration of membrane that encapsulates the epithelial cell, (2) transport through the intricate maze of canals and organelles that make up the cellular interior, (3) perhaps metabolic transformation within the cell, (4) extrusion from the lateral or basal aspects of the epithelial cell, (5) passage through basement membrane into lamina propria, and (6) penetration through vascular or lymphatic epithelium for entry into blood or lymph. The slides in this teaching kit illustrate these processes.

- 221-73**
A NUTRITION GUIDEBOOK FOR ELEMENTARY SCHOOL TEACHERS.
E Curtiss Gaylor
N.p. 273 p. 1955.
LB1547.N6G3 FEN
Elementary education, Instructional materials, Integrated curriculum, Nutrition education, Resource guides, Teaching guides, Teaching techniques.
Thesis (Ed.D.) - New York University, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.
Abstract: This doctoral thesis sets out to develop a guidebook of activities and techniques for teaching nutrition to elementary school children. The second part of the dissertation presents the guidebook as developed. Topics discussed are (1) relation of nutrition study to the general health curriculum, (2) good food, (3) forming eating patterns, (4) dietary and health needs of children, and (5) teaching methods.
- 222-73**
GENERAL FACTORS AFFECTING COLLEGE COEDS FOOD PREFERENCES, HABITS, AND INTAKE.
L M McKelfield, M C Miller
J Home Econ 63 (1): 45-47. Jan 1971.
321.8 J82
Adolescents (12-19 years), Food habits, Food preferences, Meal patterns, Nutrition.
Abstract: Trends in eating patterns because of real or imagined overweight among college girls were examined. Knowledge of nutrition was lacking. Most were dissatisfied with their figures.
- 223-73**
A RESOURCE HANDBOOK FOR TEACHING NUTRITION IN THE ELEMENTARY SCHOOL.
Georgia, Dept. of Education
Fannie Lee Boyd
Atlanta 30 p. 1970.
LB1547.N6G4 FEN
Activity learning, Elementary education, Integrated curriculum, Nutrition education, Resource guides.
Extract: This guide is designed to help the teacher of nutrition in choosing goals, concepts and learning opportunities appropriate for various grade levels. The material is grouped in three units, one for grades one and two, one for grades three and four, and one for grades five, six, and seven. A separate section on working with the school food service manager is included.
- 224-73**
WHITEY AND WHISKERS AND FOOD.
Constantine Georgiou
Irvington-on-Hudson, N.Y., Harvey House 45 p. illus. 1964.
TX355.G44 FEN
Demonstrations (Animals), Elementary education, Nutrition education.
Abstract: This book for elementary school children tells the story of a fourth-grade class's first controlled science experiment--an experiment in nutrition. Whitey and Whiskers are two laboratory mice to whom the children give different diets to study their nutritional effects.

- 225-73**
NUTRITION, BEHAVIOR, AND CHANGE.
Helen H Giff, Marjorie B Washburn, Gail G Harrison
Englewood Cliffs, N.J., Prentice-Hall 392 p. 1972.
TX340.U6G5 FEN
Behavior change, Cultural factors, Food consumption, Food habits, Health, Influences on nutrition, Nutrition education, Textbooks.
Abstract: Using the simple premise that food habits determine nutrient intakes, and acknowledging that some insight into factors that influence food behavior and eating patterns must precede any intelligent attempt to induce change, the authors teach the science of nutrition with cultural, economic, environmental, physiological, psychological, and social factors that affect human behavior and determine food behavior patterns. It is a resource book for college teachers concerned with developing nutrition education courses. The book contains three major sections: (1) the influence of society and culture on individual behavior, (2) food consumption patterns and eating habits, and (3) nutrition education.

226-73

226-73

GOOD FOOD WORKS FOR YOU (SHOW & TELL); PRODUCED BY THE U.S. EXTENSION SERVICE AND DISTRIBUTED BY THE DOUBLE SIXTEEN CO. U.S., Extension Service
Wheaton, Ill., Double Sixteen Co. 1 filmstrip key, 15 Fr., col, 16mm and phonodisc. In.d.l.
TX364.G6 F6N AV

Dietary standards, Food patterns, Milk, Nutrients, Nutrition education, Secondary education, Vitamins.
For use with a General Electric Show-M Tell Phono Viewer.
Includes showcards: 33 1/3 rpm.
Abstract: This phonorecord demonstrates the ways in which good food can improve the health and appearance of the individual. It discusses food groups, food needs, vitamins, and milk.

227-73

FOOD FACTS AND FUN WITH "BUTTER & BOP".
Grocery Manufacturers of America, Inc.
Washington, D.C. 14 p. N.d.
TX355.G7 F6N

Cartoons, Comic books, Elementary education, Foods instruction, Nutrition education.
Abstract: This comic book tells the story of four kids, three well-nourished and one ill nourished, and a dog. The undernourished boy is always lethargic, sleeping in class, losing games and fights. His friends show him how a better diet could improve his health and disposition.

228-73

GROWTH OF PRESCHOOL CHILDREN IN THE NORTH CENTRAL REGION.
Beth A Fryer
J Am Diet Assoc 50 (1): 30-37, Jan 1972.
389.8 AM34

Dietary surveys, Economic influences, Physical development, Preschool children (2-5 years), Regional surveys.
Abstract: Weight and height measurements were made on a representative sample of preschool children (birth to six years) in the North Central Region. In addition, birth weights and heights reported by the mothers were noted. There were rapid increases in weight and height of both sexes during the first 12 months, followed by much slower, but essentially linear, increases to 72 months. Mean weight had doubled for both sexes by three to six months and had tripled for boys by nine to 12 months and for girls by 12 to 18 months. The boys were somewhat heavier and taller than the girls throughout the six years. In general the North Central children attained a high standard of physical growth during the preschool period. Dietary intakes of calories, protein, fat, carbohydrate, calcium, phosphorus, iron, and vitamin equivalents increased significantly with increases in weight, height, weight:height ratio, and age for both boys and girls. Riboflavin and thiamin intakes increased for boys but not for girls.

229-73

PROGRAMMED NUTRITION.
Helen A Guthrie, Karen Sue Braddock
Saint Louis, C.V. Mosby Co. 246 p. 1971.
TX354.G62 F6N

Higher education, Nutrition education, Programmed instruction, Workbooks.
Abstract: This linear programmed presentation of the fundamentals of nutrition is the result of the selection of the basic concepts, item construction, testing, revising, and retesting of the format and content of each frame. The student is presented with a concept, practices the concept, and is tested on the concept. He also receives periodic reviews of what he has learned. Areas of study include carbohydrates, fats, protein, energy balance, minerals, macronutrients, micronutrients, water, fat-soluble vitamins, water-soluble vitamins, dietary essentials.

230-73

MAN, HEALTH, AND ENVIRONMENT.
Brent O Hafen
Minneapolis, Burgess 259 p. 1972.
RA422.5.43 F6N

Air, Cancer, Ecology, Environmental factors, Food additives, Health, Pesticide residues, Pollution.
Abstract: The purpose of this book of readings is to provide an overview of the nature and effect of the various types of the environmental pollutants with particular emphasis on the latest available scientific knowledge of the health and welfare hazards of such pollution. It should be of particular interest to anyone teaching in the area of the environmental sciences or any of the health-related subjects. The readings have been gathered from numerous sources and revolve around the following general areas: (1) health and environmental pollution, (2) air pollution, (3) water and solid wastes, (4) noise and radiation, (5) toxic substances, (6) population growth, and (7) environmental education.

231-73

A HALF CENTURY OF CHANGING FOOD HABITS AMONG JAPANESE IN HAWAII.
Nao S Wephan, Robert J Wolff
J Am Diet Assoc 57 (1): 29-32, Jul 1970.
389.8 AM34
Cultural factors, Dietary history, Food habits, Food preferences, Hawaii, Japan, Nutrient content determination, Resistance to change.
Abstract: From a predominantly high-carbohydrate, rice and plant food diet, the food pattern of the Japanese immigrant

feally in Hawaii has changed to a high-protein and fat, "cosmopolitan" diet. Among the socio-cultural factors which brought about this change are: desire for higher social status through adoption of a diet associated with a higher status group at the same time traditional family controls were eroding; allotment of more family money for food and availability of foods introduced by other ethnic groups; and perhaps, the most decisive factor, the changing attitude of the second generation toward Japanese foods and traditions in general. The effect of this change has been reduction in beriberi deaths, increased longevity, and increase in stature.

232-73

MODERN FOOD ANALYSIS.
F Leslie Hart, Harry Johnstone Fisher
New York, Springer-Verlag 519 p. Illus. 1971.
TX54L.H37 F6N
Analytical methods, Chemical composition, Color in foods, Food analysis, Food composition, Food standards and legislation, Manuals, Pesticide residues.
Abstract: This book contains in one volume data on the composition of raw and processed foods, their standards of identification and quality, specifications and current methods for their analysis. These methods include both the standard ones for major components and special tests to detect adulteration. It contains all available United States and Canadian legal standards for food. The book is designed primarily for use by food chemists, quality control personnel and regulatory officials as well as a reference for postgraduates in chemistry and food technology.

233-73

THE HEART OF THE MATTER - A MATTER OF OPINION.
Natr Today 7 (2): 10, Mar/Apr 1972.
RA784.N8
Breads, Enrichment, Flour, Food and Drug Administration, Iron, Minerals, Nutrient values.
Abstract: This editorial criticizes the manner in which the FDA has presented its proposed additional iron enrichment of bread and flour. "Their (FDA's) willingness to proceed in the face of so many serious doubts and unanswered questions will almost assuredly poison the confidence the nation has in the Administration's ability to cope with our increasingly important nutritional problems."

234-73

THE HEINZ HANDBOOK OF NUTRITION: A COMPREHENSIVE TREATISE ON NUTRITION IN HEALTH AND DISEASE. 2d ed.
Benjamin T Burton
New York, McGraw-Hill 462 p. 1965.
QP141.H4 F6N

Deficiency diseases and disorders, Dietary standards, Digestion, Food technology, Food-related disorders, Health, Metabolism, Nutrients, Nutrition.
Abstract: This book presents information on all areas of nutrition, ranging from the basic physiology and biochemistry of food intake and utilization to the psychology of appetite; from infant nutrition and optimal diets during pregnancy and lactation to post-operative diets; and from fluid therapy to the etiology of celiac disease to food allergy. The important advances in available information on the relationship of fats and diet to atherosclerosis and heart disease are included, as well as the latest concepts on obesity and its control. Particular attention is paid to the therapeutic and preventive aspects of nutrition in the management of specific diseases--including detailed outlines and sample menus for all accepted contemporary therapeutic diets and emergency feeding. Tabular material is included, such as diet charts, sample menus, detailed height-weight charts, and lists of the constituents of common foods.

235-73

HELP FOR MALNOURISHED CHILDREN IN LATIN AMERICA.
D H Riley
J Home Econ 65 (2): 19-22, Feb 1973.
321.8 J62
Breast feeding, Food habits, Infants (To 2 years), Malnutrition, Preschool children (2-5 years).
Abstract: Child malnutrition will continue to be a major problem in Latin America for many years. Public officials are now more likely to place a higher priority than formerly on reducing severity of malnutrition among low-income families. Programs for improving child nutrition should be coordinated with a comprehensive approach to child care, family health, and household management.

236-73

HELPING OLDER PERSONS MEET THEIR NUTRITIONAL NEEDS.
Irene H Wolgast
Natr Program News 1-4, Jan/Feb 1970.
1.982 A2N955
Diet improvement, Dietary standards, Elderly (65 + years).
Abstract: Older people generally have a poorer diet than younger people. Illness and poor food habits contribute to the poor nutritional status among the elderly. The poor habits are often a result of logistical problems: difficulty in shopping due to lack of transportation, difficulty in cooking due to lack of facilities, and difficulty in eating due to lack of teeth or dentures. The most inhibiting factor of all is lack of money: 42 percent of single persons over-65 years have an income of less than \$1,500 a year. This article reviews the programs directed toward improving the nutrition of the elderly.

riy, and enumerates the recommendations of a conference sponsored by the National Council on Aging and OEO.

- 237-73
HEMOGLOBIN AND FOLATE LEVELS OF PREGNANT TEEN-AGERS - RELATIONSHIP TO DIETARY LEVELS.
Mildred S Van de Mark, Audrey Cleaver Wright
J Am Diet Assoc 61 (5): 511-515, Nov 1972.
389.0 AM34
Adolescents (12-19 years); Blood analysis; Dietary surveys; Iron; Pregnancy.
Abstract: Hemoglobin, hematocrit, and whole blood folate values of 114 pregnant and forty non-pregnant adolescents were compared with dietary intake records. Diets of both groups failed to meet the Recommended Dietary Allowances and blood values were below acceptable standards. Iron intake of the pregnant subjects was more than 6 gm, lower than the recommendation for pregnancy in the first trimester and more than 6 and 8 gm, lower in the second and third trimesters. Their folate intake was less than a third of the recommendation. Blood folate levels fell as pregnancy progressed, as did hemoglobin and hematocrit values.

- 238-73
NUTRITION CONCEPTS HELD BY SEVENTH AND EIGHTH GRADE PUPILS IN IOWA.
R M Hornbacher
Ames, Iowa, Iowa State University 83 o. 1968.
TX351.H6 F6N
Food habits; Iowa; Nutritional status; School children (6-11 years); Thesis (M.A.)--Iowa State University.
Abstract: The study was designed to identify levels of concepts of nutrition held by seventh and eighth grade pupils in Iowa. Secondary purposes were to determine the relationship of the concepts to certain personal characteristics: sex, grade level, academic achievement and the amount of home economics classwork completed; and refine an instrument to identify and measure such concepts.

- 239-73
HOUSEHOLD FOOD SPENDING AFFECTS DIET ADEQUACY.
C Ward
Family Econ Review ARS 62--5: 10-12, Jun 1971.
A321.9 R31
Consumer economics; Dietary standards; Nutrition.
Abstract: Amount of income spent on food influences the quality of nutrition and dietary standards. Some diets however were still lacking in recommendations for one or more nutrients.

- 240-73
HOW A HAMBURGER TURNS INTO YOU (MOTION PICTURE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
Dairy Council of California
Los Angeles, Mexler Film Productions 1 reel, 16mm, sd, col, 10 min, 1968.
TX364.H62 F6N AV
Amino acids; Metabolism; Nutrition education; Proteins. Includes teacher's guide. Also available in videocassette.
Abstract: This film demonstrates with visual evidence that every protein is made from combinations of twenty-two amino acids, and that when we eat, molecules of food proteins are broken down through digestion into these amino acids which are then circulated to our cells. The combination, or re-synthesis, of amino acids (determined by plans coded on the DNA molecule of each cell) is also presented as well as the role of messenger RNA, transfer RNA, and ribosomes. Like proteins, molecules of all nutrients are broken down into different building blocks which meet the body's needs. The film points out that a system for adapting food "can work only if it's supplied with the proper raw materials".

- 241-73
HOW A HAMBURGER TURNS INTO YOU (VIDEOCASSETTE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
Dairy Council of California
Los Angeles, Mexler Film Productions 1 videocassette, sd, col, 20 min, 3/4", 1968.
TX364.H6 F6N AV
Amino acids; Metabolism; Nutrition education; Proteins. For use in videocassette player. Includes teacher's guide.
Abstract: This videotape demonstrates with visual evidence that every protein is made from combinations of twenty-two amino acids, and that when we eat, molecules of food proteins are broken down through digestion into these amino acids which are then circulated to our cells. The combination, or re-synthesis, of amino acids (determined by plans coded on the DNA molecule of each cell) is also presented as well as the role of messenger RNA, transfer RNA, and ribosomes. Like proteins, molecules of all nutrients are broken down into different building blocks which meet the body's needs. The film points out that a system for adapting food "can work only if it's supplied with the proper raw materials".

- 242-73
HOW CAN WE SOLVE MALNUTRITION IN THE U.S.?
H M Lackey
Sch Lunch J 25 (2): 42, 44-45, Feb 1971.
389.0 SCH6

Cultural factors; Food habits; Hunger; Malnutrition; Nervous system disorders; Nutrition education.
Abstract: Malnutrition exists in many children, even those of families with a basic income of \$10,000.00 or more. Food habits depend on a combination of psychological and biochemical factors. Within limits, people eat what they like and what they think is good for them. Food selection depends also on many cultural factors. Actual hunger, as well as malnutrition exist in the U.S. Nutrition influences intellectual performance and learning, can influence both the brain's structure and function. The hope for solution lies in nutritional education.

- 243-73
HOW NUTRITION AFFECTS LEARNING AND BEHAVIOR.
J L Cameron
Sch Lunch J 24 (2): 29-30, Feb 1970.
389.0 SCH6
Behavior; Learning; Malnutrition; Nutrition; Proteins.
Abstract: Evidence on which is based the concept that nutrition does influence intellectual performance and learning.

- 244-73
HOW NUTRITION AFFECTS THE CENTRAL NERVOUS SYSTEM.
J L Cameron
Sch Lunch J 24 (4): 18, 20, ref. Apr 1970.
389.0 SCH6
Culturally disadvantaged; Learning; Malnutrition; Nervous system disorders.
Abstract: Importance of nutrition to central nervous system reviewed. While nutrition is not the only factor involved, we cannot afford to neglect it. Cultural advantages also affect mental development, as does genetics. However, malnutrition affects most seriously the prenatal and preschool child; while cultural factors come somewhat later in development, and genetics is not influenced by malnutrition.

- 245-73
HOW NUTRITION RELATES TO LEARNING.
R M Leverton
Food Nutr 1 (4): 12-14, Dec 1971.
TX341.F615
Learning; Nutrition.
Abstract: Review of evidence accumulating concerning the relationship of pre- and post-natal malnutrition on central nervous system structure, growth, and function. The implications for school programs is discussed.

- 246-73
HOW TO DIAGNOSE NUTRITIONAL DEFICIENCIES (SLIDES); DISTRIBUTED BY NUTRITION TODAY.
Herald H Sandstead, James P Carter, William J Derby
Nutrition Today
Washington; Nutrition Today 20 slides, 2"x2", color, 1969.
RC621.H6 F6N AV (Nutrition Today, Teaching aid no. 5)
Clinical diagnosis; Deficiency diseases and disorders; Malnutrition; Nutrition education.
Kit includes: 20 slides and 12 syllabuses.
Abstract: This set of slides illustrates the physical signs that are symptomatic of various nutritional disorders: xerosis, Bitot's spot, cheilosis, gum diseases, glossitis, geographic tongue, papillary atrophy and hypertrophy, follicular hyperkeratosis, ichthyosis, hyperpigmentation, scrotal dermatitis, perifollicular petechiae, and pellagra. The coordinated booklet gives a possible cause, comment, and diagnosis for each symptom. Laboratory signs of nutritional deficiencies are also listed.

- 247-73
HOW UP-TO-DATE IS YOUR NUTRITION KNOWLEDGE.
Hazel Fox
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 51-53, July 12/23, 1971.
LB3479.U5K3 F6N
Education; School food service.
Abstract: This paper questions the up-to-dateness of nutrition knowledge among school food service people. A review of the physiological aspects of nutrition, a discussion of the Recommended Dietary Allowance, the necessity for a knowledge of food composition and the problems of overnutrition in the U.S. are included.

- 248-73
BASIC NUTRITION IN HEALTH AND DISEASE INCLUDING SELECTION AND CARE OF FOOD.
Phyllis Sullivan Howe
Philadelphia, W.B. Saunders Company 456 p. 1971.
RM216.H84 F6N
Dietetics; Food preservation; Food purchasing; Food selection; Nutrition; Textbooks; Therapeutic and special diets.
Abstract: The change in title for this fifth edition reflects the widening of the educational spectrum in which a book presenting the fundamentals of nutrition can be appropriately used. In addition to students of nursing, students in many of the allied health fields need a simple and concise source for learning the basic principles of nutrition, diet therapy, and selection of food. This text questions some current ideas which are based on practice rather than research. These are rapidly changing times, and what was considered good therapeutic practice last year may be considered obsolete next year. Sections in all chapters have been revised to include recent research findings. The chapters on minerals, vitamins, and

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PAGE 21

249-73

weight control have been enlarged. The appendix has been expanded to include a glossary and a list of medical prefixes and suffixes. Section III, on selection and care of food, has been enlarged.

249-73

HUNGER AND MALNUTRITION - WHOSE RESPONSIBILITY?

Grace A. Goldsmith

Nutr Today 7 (1): 16-19. Jan/Feb 1972.

RA784.N4

Deficiency diseases and disorders, Environmental factors, Food intake, Hunger, Malnutrition, Nutrition education.

Abstract: The author speaks in broad terms of malnutrition and hunger and where concern and responsibility lie. "The prevention and relief of hunger in population groups by provision of an adequate food supply is the responsibility of government, local, regional, and national, and of philanthropic organizations. It should also be the concern of educational institutions, of industry, of members of the health professions, and of individual citizens. The prevention and relief of malnutrition, on the other hand, is primarily the responsibility of physicians and allied health professionals. Members of the health team, in view of their knowledge, training, and experience, should have specific responsibility for determining the kinds, causes, and severity of malnutrition. When this data is available, measures can be recommended and research can be planned. When malnutrition is rampant and an adequate food supply is unavailable, it becomes a social, economic, and political problem requiring extensive collaborative efforts for solution.

250-73

IF YOU WANT TO BEAUTIFY AMERICA, FEED A CHILLO.

W L Clay

Sch Lunch J 24 (2): 41, 43-44, 46, 48. Feb 1970.

349.8 SCH6

Children, Foods, Hunger, Low income groups.

Abstract: Poverty and malnutrition are found in and out of schools, in rural areas, in city slums. Not all undernourished children in school are identified, or able to participate in existing school lunch programs. A hungry child is a dull child. New methods must be devised in the communities, through their own efforts and ingenuity. Such programs need not be expensive, but require cooperation. Food service personnel should be in the vanguard of those changing attitudes about poverty and hunger.

251-73

IMPLICATIONS OF CHANGING FOOD HABITS FOR NUTRITION EDUCATORS.

John A Parrish

J Nutr Educ 2 (4): 140-146. Spring 1971.

TX341.J6

Cultural factors, Food habits, Food preferences, Meal patterns, Nutrient values, Nutrition education.

Abstract: The decline in the nutritive value of U.S. diets since 1955 was a voluntary phenomenon reflecting a combination of socio-economic and cultural factors: urbanization, increased mobility, new life styles, and diminishing poverty. Decline of nutrient content was limited to vitamins A and C, reflecting a change from wide-variety to limited-variety food habits with strong preference for "fast" foods. Evidence shows that only a massive nutrition education program along with food fortification and enrichment for the entire population will raise the nutritional quality of diets and restore nutrient balance.

252-73

THE IMPORTANCE OF PROTEIN IN THE MEATLESS MEAL.

A Manno

Forecast Home Econ 18 (5): F16-F17, F40-F41, F46. Jan 1973.

J21.8 M752

Amino acids, Main dishes, Proteins.

Abstract: Importance of protein in the diet, amino acids present in proteins from plant sources, and recipes to enhance protein quality of meatless meals are included.

253-73

IMPROVING NUTRIENT CONTENT OF FOODS SERVED.

Mary Coleman

In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 61-62. July 12/24, 1971.

LB3479.USP4 F6N

Iron, Nutrient values, Proteins, School lunch.

Abstract: This paper discusses means for improving the nutrient content of school lunches, particularly in relation to iron and protein.

254-73

IMPROVING NUTRITION IN LESS DEVELOPED AREAS.

Miriam Hunz De Chavez

J Nutr Educ 4(4): 167-169. Fall 1972.

TX341.J6

Behavior change, Children, Developing nations, Economic influences, Food habits, Infants (To 2 years), Mexico, Nutrition education, Supplementary feedings.

Abstract: The results from experimental nutrition programs conducted in three impoverished Mexican towns suggest that supplementary feeding of infants and children on locally available foods when combined with educational activities can bring about improvements in food habits and general nutritional status. Even in the poorest village, 70% of the people in

the educational program understood adequately the advice given, although, sadly, they were often too poor to put their new knowledge into practice. Nevertheless, positive changes in attitudes and practices were noted, and the extent of malnutrition among children diminished notably. The author concludes that the educational context utilized in poor rural communities must be simple and must answer the three fundamental questions of the food introduction period: when should supplementary foods be added to the infants diet, what should these foods be, and how should they be prepared?

255-73

IN DEFENSE OF BODY WEIGHT.

Henry A Jordan

J Am Diet Assoc 62 (1): 17-21. Jan 1973.

349.8 AM34

Behavior change, Energy metabolism, Obesity, Research, Weight control.

Abstract: Obesity is a multifaceted problem which resists therapeutic efforts. Why is weight loss so difficult and usually followed by a rapid return to pre-diet weight? Whether at a low, normal, or high level, body weight represents a biologic equilibrium which is extremely difficult to alter, requiring extreme measures and time to change and re-stabilize. Studies are reviewed in which changes in weight - both negative and positive - have shown the difficulty in changing this equilibrium.

256-73

INDUSTRY FOCUSES ON MALNUTRITION.

Food Prod Dev 5(1): 51-56. Feb/Mar 1971.

HD9DD0.LF64

Deficiency diseases and disorders, Demography, Food industry, Food intake, Food processing, Surveys, United States.

Abstract: This article describes three main forms of malnutrition in the United States: (1) deficiencies in micro- and macronutrients due to economic poverty, (2) deficiencies in micronutrients (especially iron) due to poor eating habits unrelated to poverty, and (3) increasing occurrence of diseases caused by imbalances of quality and/or quantity in the diet (intake of too many polyunsaturated fats, for example). The article outlines how the food industry can and must play a major role in solving these malnutrition problems.

257-73

INTERACTIONS OF NUTRIENTS WITH ORAL CONTRACEPTIVES AND OTHER DRUGS.

C E Butterworth

J Am Diet Assoc 62 (5): 510-514. May 1973.

349.8 AM34

Chemical composition, Chemistry, Contraceptives, oral, Deficiency diseases and disorders, Drugs, Metabolism, Nutrients.

Abstract: Emerging knowledge of similarities in chemical structure and modes of action of nutrients and drugs, i.e., natural toxic substances, and their interactions is leading to greater understanding of relationships between nutrients and drugs. Nutritional requirements of man vs. those of disease-producing microorganisms can lead to development of drugs for specific purposes. Deficiencies of vitamin B6 and possibly folate are seen in some women using oral contraceptives, and alterations in vitamin A metabolism have been reported.

258-73

FOOD SCIENCE & TECHNOLOGY, VOLUME III; QUALITY, ANALYSIS AND COMPOSITION OF FOODS.

International Congress of Food Science and Technology, 1st,

London, 1962

James Muir Leitch

New York: Gordon and Breach Science Publishers 725 p. 1965.

TX3459.I62 F6N

Analytical methods, Conferences, Food analysis, Food composition, Food processing, Food quality, Palatability ratings, Storage, Taste panels.

Abstract: This volume contains a collection of articles from the First International Congress of Food Science and Technology. Articles are grouped according to the following broad categories: (1) specialized analytical techniques, (2) detection and determination of minor constituents, (3) training and use of taste panels, (4) objective use of quality assessment, establishment and operation of quality control, (5) changes in quality due to processing, (6) changes in quality due to storage, (7) composition of raw materials and manufactured foods.

259-73

INTESTINAL MALABSORPTION (SLIDES); NUTRITION TODAY; TEACHING AID NUMBER 3. DISTRIBUTED BY NUTRITION TODAY, WASHINGTON, DC.

Franz J Ingelfinger

Nutrition Today

Washington: Nutrition Today 10 slides, 2" x 2", color. 1969.

RC860.I5 F6N AV (Nutrition Today; teaching aid number 3)

Enzymes, Gastrointestinal disorders, Instructional aids, Malabsorption syndromes, Nutrition education.

Kit includes: 10 slides and 6 syllabuses based on the article: "For want of an enzyme" from Nutrition Today, vol. 3, no. 3, Sept. 1968.

Abstract: Celiac sprue causes total malabsorption, in a qualitative sense, and can be taken as an example of malabsorptive disorders. For unknown reasons, but possibly because of a genetically transmitted deficiency, the intestinal epithelium of patients with celiac sprue cannot tolerate a glutamine-rich polypeptide derived from gluten. When normal people eat the gluten that is part of most flour, the polypeptide in question

either is innocuous or is rapidly broken down into smaller and harmless fragments. In cell culture, however, this polypeptide appears to arrest normal maturation of the intestinal epithelium and otherwise injures the mucosa to bring about the pathologic changes characteristic of the disease. These changes are illustrated in the slides included with this teaching kit.

260-73

INTRA-STATE GROUP MEETING TO DISCUSS ALTERNATIVES
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 45.
July 19/30, 1971.
LB3479.U5W5 FEN
Nutrition education.
Abstract: Nominal Group Meeting Process for defining the problems in nutrition education.

261-73

IRON ABSORPTION BY ADULTS FED MIXTURES OF RICE, MILK, AND WHEAT FLOUR.
Merry M Senchak, Jean A Howe, Helen E Clark
J Am Diet Assoc 52 (3): 272-275, Mar 1973.
369.8 AM34
Blood analysis, Flour, Food analysis, Iron, Metabolism, Milk, Rice, Wheat.
Abstract: Combinations of rice, wheat flour, and milk, supplemented with ferrous sulfate, were fed in six ratios to seven adults to provide 6 gm. nitrogen and from 23.1 to 28.7 mg. iron per day. Iron absorption ranged from 7.5 to 25.6 per cent, with highest absorption achieved with diets containing more rice. Absorption was lowest in a high-wheat low-rice, no-milk diet. With diets containing milk and varying amounts of rice and wheat, iron absorption was intermediate. Dietary phosphorus significantly influenced iron absorption. No heat-stable changes were observed due to dietary treatment.

262-73

IRON CONTENT OF SOME MEXICAN-AMERICAN FOODS - EFFECT OF COOKING IN IRON, GLASS, OR ALUMINUM UTENSILS.
Ann L Burroughs, James J Chen
J Am Diet Assoc 50 (2): 123-126, Feb 1972.
369.8 AM34
Analytical methods, Cookery, Mexican American, Food analysis, Iron, Nutrient content determination, Recipes.
Abstract: The results of a comparative study of the iron content of 16 Mexican-American recipes are reported. The comparison is between the foods calculated from food tables and those analyzed after cooking in glass or aluminum containers and in iron utensils. In most instances, the foods cooked in an iron utensil showed higher iron content compared with those cooked in glass. Most of the foods analyzed for iron content showed quite different values from those calculated from the food tables.

263-73

IRON DEFICIENCY IN RURAL INFANTS AND CHILDREN.
Ann L Burroughs, Ruth L Muenemann
J Am Diet Assoc 52 (2): 122-126, Aug 1970.
369.8 AM34
Children, Deficiency diseases and disorders, Diet patterns, Food intake, Iron, Iron-deficiency anemia, Nutritional status, Rural population, Surveys.
Abstract: Caloric and nutrient intakes of 101 infants and children, obtained by the Burke dietary history technique, are reported. Findings were correlated with the blood tests for iron-deficiency anemia. Mean iron intakes of the subjects for various ages ranged from 7.3 to 10.5 mg. per day. The study concludes that a healthy, full-term infant born to a healthy mother; a baby who receives good care during infancy and childhood; who avoids numerous gastrointestinal, upper-respiratory infections and parasitic infestations; who is not allergic to cow's milk, or better yet is breast-fed; and who learns to eat a variety of foods by six months of age does not develop a blood picture of iron-deficiency anemia. The less fortunate infant who does not meet most of the above qualifications will likely need a higher level of iron during infancy and childhood.

264-73

IRON METABOLISM (SLIDES); NUTRITION TODAY; TEACHING AID NUMBER 4. DISTRIBUTED BY NUTRITION TODAY, WASHINGTON, D.C.
Clement A Finch
Nutrition Today
Washington, Nutrition Today 10 slides, 2"x 2", color, 1969.
OP171.17 FEN AV (Nutrition Today, Teaching aid no. 4)
Blood analysis, Deficiency diseases and disorders, Iron, Metabolism, Nutrition education.
Kit includes: 10 slides and 12 syllabuses.
Abstract: This set of ten slides presents a graphic illustration of iron and how the body uses it. Photographs include the hemoglobin molecule, pH and iron solubility, intracellular control of iron absorption, the iron cycle in the body, normal iron stores within the body, iron depletion, iron-deficient erythropoiesis, iron deficiency, and bone marrow specimens containing iron deposits.

265-73

IRON-DEFICIENCY ANEMIA IN INFANTS AND PRESCHOOL CHILDREN.
National Dairy Council
Oairy Couno Dig 43 (1): 1-5, Jan/Feb 1972.
369.8 D14
Infants (to 2 years), Iron-deficiency anemia, Preschool child-

ren 12-5 years).

Extract: Although iron has other functions, its presence in the hemoglobin molecule and its importance in preventing iron-deficiency anemia have received most attention. Recent studies have shown a high prevalence of iron-deficiency anemia in infants and preschool children, especially in low-income groups. Diets of many children in this age range do not meet Recommended Dietary Allowances although there is some controversy over amounts of iron that should be ingested daily and the importance of other factors. A variety of methods for increasing the iron content of the diet has been suggested, including the use of iron-fortified formulas. Iron-fortified pasteurized milk is available in some areas, and further studies are being made of processing methods and iron compounds suitable for fortification of milk. An increase in the level of iron fortification of flour and bread has been proposed. (NDC).

266-73

IRON, BLOOD, AND NUTRITION.
E Neige Tedhunter
J Am Diet Assoc 61 (2): 121-125, Aug 1972.
369.8 AM34
Anemia, Blood analysis, Blood disorders, Diet improvement, History, Iron, Metabolism, Minerals, Nutrition.
Abstract: The importance of iron was recorded by Assyrians and Egyptians in 4,000 B.C. However, the relation of iron to human physiology was not recognized until the 17th century, when the discoveries of such great investigators as Lavoisier (physiology), Harvey (circulation), and Boyle (chemistry) established the "Golden Age of Science." Chlorosis, one of the earliest forms of anemia has now disappeared, but iron-deficiency anemia remains a world problem. The author points out that despite the vast scientific knowledge we now possess, many questions remain unanswered: absorption of food iron; daily requirement for different age groups; and dietary methods to meet requirements.

267-73

THE IRONY OF AFFLUENCE-ADULT NUTRITION PROBLEMS AND PROGRAMS.
Muriel G Wagner
J Am Diet Assoc 57 (4): 311-315, Oct 1970.
369.8 AM34
Adults, Consumer economics, Cultural factors, Food habits, Nutrition education, United States.
Abstract: The United States is a nation of nutritional irony. Our society of affluence is plagued with the health problems associated with an overabundance of food and an increasingly sedentary life style. In sharp contrast stand the nutritional deprivations of the poor, which until recently were overshadowed by the nutritional concerns of the middle-class majority--obesity, overweight, and heart disease. Superimposed on this dichotomy of malnutrition is the hyperbole of the food faddist who assiduously undermines confidence in the nutritional value of our food supply to create a market for his nostrums and contrivances. Many programs are directed to changing this picture of current nutritional issues in the United States. This paper surveys some of the major efforts.

268-73

IS EDUCATION MEETING THE NUTRITION CHALLENGE OF TODAY---WHAT SHOULD BE DONE.
Scott Tuxhorn
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 17-27, July 12/23, 1971.
LB3479.U5K3 FEN
Nutrition education, School food service.
Abstract: This paper discusses the reasons that education is not meeting the nutrition challenge of today. Suggestions for new directions and change are given and school food service directors are challenged to serve as leaders in making these changes.

269-73

IT ALL BEGINS AS BREAKFAST.
R E Helshelt
Sch Foodserv J 26 (1): 35-36, Jan 1972.
369.8 SCH6
Breakfast, Breakfast cereals, Nutrients.
Abstract: Discussion of nutrients of some newer cereals developed since 1955.

270-73

THE JOULE - UNIT OF ENERGY.
Stanley R Ames
J Am Diet Assoc 57 (5): 415-416, Nov 1970.
369.8 AM34
Biochemistry, Caloric values, Energy, Energy metabolism, Physics, Research methodology.
Abstract: The author explains what a Joule is--the unit of energy used in the metric system. He discusses the advantage of adopting the Joule measurement, and states that the calor cannot continue indefinitely as the unit of energy because it cannot be derived directly from the basic SI units without using an experimentally determined factor. The author compares calorie and Joule measurements.

271-73

JOURNEY INTO NUTRITION (MOTION PICTURE); PRODUCED BY HAROLD MATELL, INC. FOR NATIONAL EDUCATIONAL TELEVISION. DISTRIBUTED BY AUDIOVISUAL CENTER, INDIANA UNIVERSITY.
National Educational Television

272-73

New York, Harold Gentell, Inc. 1 reel, 16mm, ed. col., 29 min. 1970.

TX364.J6 F6N AV

Cookery, Cultural factors, Elementary education, Food habits, Foodways, Malnutrition, Nutrition education.

Abstract: This motion picture presents the story of an elementary school class that learns about food and nutrition by studying the eating habits and traditional foods of different nationalities in a mixed ethnic neighborhood. The students buy their own groceries and cook Greek, Italian, Chinese, and other foods. They study nutrients and food groups, and how different diets can be nutritionally sound. They also visit a hospital and observe the effects of malnutrition and of overeating.

272-73

THE CHEMICAL CONSTITUENTS OF CITRUS FRUITS.

J F Telford, B V Chandler

New York, Academic Press 246 p. 1970.

QK666.C59K4 F6N (Advances in Food Research Supplement 2)

Citrus fruits, Color in foods, Flavorings, Food analysis, Food chemistry, Food composition.

Abstract: This supplement reviews the literature on citrus fruit constituents published from 1958 to 1968. The sources range from chemical and biochemical journals through food science and technology to plant physiology and horticulture. The book centers on the composition of citrus fruits rather than the technology of citrus products; however, there are indications throughout the text of the technological significance of specific significance. This volume includes an unusually large amount of new information about volatile flavoring constituents and limonoid bitter principles.

273-73

MILK AND MILK PRODUCTS IN HUMAN NUTRITION. 2d ed., rev.

S K Kon

Rome, Food and Agriculture Organization of the United Nations 0 p. 1972.

TX379.K6 1972 F6N (Food and Agriculture Organization of the United Nations. FAO nutritional studies no. 27)

Malnutrition, Manuals, Milk, Milk products, Nutrition.

Abstract: The manual is intended, in the first place, for the practical use of international workers concerned in various ways with milk and milk products and of the national counterparts associated with them, the workers in question including dairy experts, health specialists, nutritionists, home economists and milk engineers. But it is also designed to attract the attention of a wider public, thereby spreading knowledge of a class of food which is of special importance from the nutritional standpoint, and perhaps contributing to its greater utilization in preventing malnutrition and promoting health.

274-73

FOOD, NUTRITION AND DIET THERAPY. 5th ed.

M V Krause, M A Munscher

Philadelphia 718 p. 1972.

RN216.K7 F6N

Hospital food service, Nutrient values, Nutrients, Nutrition education, Recipes, Seasonings, Therapeutic and special diets.

Abstract: The science of nutrition and diet therapy is presented at a level of sophistication that will meet the needs of students presently entering nursing and other health professions. Part one includes nutritional needs of individuals in the life cycle in order that the student may better understand the particular needs in each stage of life and the role of normal nutrition throughout the life cycle. Part two discusses nutritional management during illness, including diseases of infancy and childhood. Emphasis is placed on the need to understand that the dietary modifications are based on the nutritional needs of the individual and the medical findings. Part three is a drastically revised section. It is organized around pertinent information of four groups of food and seasonings (in normal and therapeutic regimens). This section serves as a general reference and includes additional suggested readings.

275-73

LACTOSE INTOLERANCE.

National Dairy Council

Dairy Council Dig 42 (61): 31-34. Nov/Dec 1971.

389.4 D14

Clinical diagnosis, Etiology, Food-related disorders, Lactose intolerance.

Abstract: The ability to utilize lactose, found primarily in non-fermented dairy foods, may be limited in a major portion of the world's population because of insufficient intestinal lactase activity. Although the etiology of this condition is unknown, genetic, dietary, and other environmental factors have been implicated as being responsible for the apparent inability of some to properly digest lactose. Because of the distinct racial and geographic distribution of the population affected, the continued use of milk in foreign and domestic feeding programs is currently being questioned. The practical significance of the studies of lactase intolerance, particularly in relation to the normal use of milk-based foods, is discussed. (NDCI).

276-73

ENCYCLOPÉDIE MODERNE DE L'HYGIÈNE ALIMENTAIRE: EXIGENCES ALIMENTAIRES DE L'HOMME NORMAL. (PRE)

Jean Lederer

Louvain, Belgium, Editions Nauwelaerts 4 v. 1971.

TX349.L4 F6N

Age groups, Food contaminants, Food poisoning, Foodborne diseases, Foods, Hygiene, Influences on nutrition, Malnutrition, Nutrition.

Abstract: This encyclopedia, written in French, is a compendium of health terms and topics about food presented in four volumes. Volume one deals with subjects relating to the health of a normal person. Volume two deals with ailments and health impairment. Volume three contains topics about technology and its relation to food and health. Volume four discusses food poisoning.

277-73

LABORATORY HANDBOOK OF METHODS OF FOOD ANALYSIS. 2d ed.

R Lees

London, Leonard Hill 192 p. 1971.

TX541.L43 F6N

Analytical methods, Food analysis, Food data sources, Manuals, Palatability ratings, Taste panels.

Abstract: This handbook brings together in one volume these methods of analysis most useful to the food factory control analyst. Chapters include (1) sampling, (2) lab techniques, (3) chromatography, (4) optical analytical techniques, (5) taste panel testing, (6) useful information.

278-73

LET'S MAKE NUTRITION EDUCATION EXCITING.

Sch Feedserv J 26 (61): 20. June 1972.

389.8 SCH6

Children, Learning, Nutrition education.

Abstract: Suggested learning experiences for children in the upper grade schools.

279-73

FOOD BECOMES YOU OR BETTER HEALTH THROUGH BETTER NUTRITION.

Ruth M Loverton

Garden City, N.Y., Doubleday & Company 160 p. 1961.

TX355.L4 F6N

Food guides, Food habits, Health, Nutrient values, Nutrition, Weight control.

Abstract: What one eats has much to do with how one looks, acts, and feels. This book sets down the basic facts about the nutritive effects of food on health throughout life. Special attention is given to the food problems of children. Diets for gaining and losing weight and the cost of food are also discussed.

280-73

LINEAR PROGRAMMING CONTROLS AMINO ACID BALANCE IN FOOD NUTRITION.

J F Cavins, G E Inglett, J S Wall

Food Technol 26 (61): 46, 48, 49. Jun 1972.

389.8 F7398

Amino acids, Analytical methods, Cost effectiveness, Food analysis, Grain products, Nutrient values.

Abstract: This article describes the use of linear programming to control the total essential amino acid pattern in the formulation of cereal-based foods, maximizing the utilization of a particular commodity while minimizing cost. PER analyses and orthonutrient evaluations were performed on several formulations, including the standard CSM mixture as a reference.

281-73

LIPID COMPONENTS OF TYPE A SCHOOL LUNCHES.

Elizabeth W Murphy, Louise Peger, Percille C Koens

J Am Diet Assoc 56 (61): 504-509. Jun 1970.

389.3 AM34

Analytical methods, Food analysis, Lipids, School lunch programs, Type A lunch.

Abstract: Concern over the type and amounts of fat in American diets has led to increased interest in the kinds and proportions of fat in type A school lunches, of which approximately three billion are served each year to American school children. As part of a nation-wide study undertaken in 1966 to provide data on the nutritive content of type A lunches, information on lipid components was obtained by laboratory analyses. This paper reports the results of analyses for fatty acids, total fat, and total sterols.

282-73

BLOOD SERUM VITAMIN A AND CAROTENE STUDIES OF PREADOLESCENT CHILDREN.

Louisiana, Agricultural Experiment Station

Dorothy Moschette

Baton Rouge, La. 39 p. 1962.

TX361.C516 F6N (Louisiana, Agricultural Experiment Station. Bulletin 552)

Blood analysis, Carotenes, Children, Louisiana, Metabolic studies, Nutritional status, Research methodology, Vitamin A, Tables.

Abstract: This report is concerned with an evaluation of the nature and magnitude of variability of serum levels of vitamin A and carotene, and the relationship of these two nutrients in the blood to each other and to other factors. Data from surveys of nutritional status of 959 preadolescent Louisiana boys and girls and metabolic balance studies of 37 girls, 7 to 10 years of age, are presented. It was found that the mean serum concentrations of vitamin A increased significantly with age. For carotene a converse trend was seen. No statistically significant differences were found between the mean serum levels for boys and girls. There were statistically significant differences in the serum levels of both the preformed vitamin A

PAGE 24

and carotene for subjects living in different agricultural areas of Louisiana. No real seasonal difference was found for serum levels of vitamin A, but the mean serum carotene was highest in the fall months. Both positive and negative coefficients of correlation between serum vitamin A and serum carotene were found for non-fasting blood samples from individuals on self-chosen diets.

203-73

BASIC PRINCIPLES OF NUTRITION: MANAGER REGISTRATION PROGRAM, COURSE II.

Louisiana, Dept. of Education
Baton Rouge, La. univ. 1972.

TX357.L6 F6N

Dietary standards, Educational programs, Food service management, Integrated curriculum, Nutrition education, Type A lunch.
Abstract: This manual is from a course intended to provide food service managers with a working knowledge of nutrition, to teach them how to exchange nutrients within the Type A lunch, and how to correlate the food service program with the total school curriculum.

204-73

MAGNESIUM IN HUMAN NUTRITION.

National Dairy Council
Dairy Council Div 42 (2): 7-10. Mar/Apr 1971.

349.A D14

Balance studies, Deficiency diseases and disorders, Magnesium. Abstract: Magnesium is needed as activator of many enzyme systems. Attempts at understanding magnesium metabolism should consider the complex interrelationships between the major intracellular ions (potassium and magnesium) and the major ions in the extracellular fluid (sodium and calcium). Animal experiments have shown the profound effects of magnesium deficiency in neuromotor and cardiovascular systems and in equine soft tissue calcification. Balance experiments in humans have served as a basis for estimating amounts needed, but there is some difference of opinion as to the interpretation of these data and the likelihood of dietary deficiency occurring in this country. Acute magnesium deficiency is recognized as a complication that may accompany many clinical situations including surgery and gastrointestinal disease. (INDC).

205-73

MAJOR MINERAL ELEMENTS IN TYPE A SCHOOL LUNCHES.

Elizabeth M. Murphy, Louise Page, Bernice K. Mott
J Am Diet Assoc 57 (3): 239-245. Sept 1970.

349.A AM34

Analytical methods, Food analysis, Food standards and legislation, Minerals, Nutrients, School lunch programs, Type A lunch.

Abstract: Laboratory analyses were made for the content of six minerals present in acre quantities in Type A lunches served in a representative sample of 300 schools in the United States during the autumn of 1968. Lunches served to sixth graders on the average exceeded the nutritional goal of one-third of the daily dietary allowances of 400 mg. calcium and phosphorus, as recommended by the Food and Nutrition Board of the National Research Council in 1968 for children 10 to 12 years of age. Lunches on the average contained 93 mg. magnesium, compared with a goal of 100 mg. They contained on average of 4.2 mg. iron, which exceeded the goal of 3.3 mg. for boys. However, only one-third of the lunches provided iron at levels of at least 4.5 mg., the adjusted goal for girls. Sodium and potassium were found in greater amounts in the lunches than other minerals studied, averaging 1,466 and 1,190 mg., respectively. Proportions of all six minerals in the lunches were significantly related to caloric value and to protein.

206-73

MAJOR MINERAL ELEMENTS IN DAIRY PRODUCTS.

Ruth M. Feeley
J Am Diet Assoc 61 (5): 505-510. Nov 1972.

349.A AM34

Cheese, Milk products, Minerals, Nutrient content determination, Proteins.

Abstract: Data on sodium, potassium, magnesium, calcium, and phosphorus contents of several important dairy products, including major cheeses are reported. Samples of milk products, cheeses, wheys produced in processing, and the original milks from which the products were made were obtained from dairy manufacturing plants. Samples of cheeses were also obtained from retail markets in six geographic areas. Nonfat fluid milk contained smaller amounts of all minerals found in fluid whole milk. Mineral content of cream varied inversely with fat content. Considerable variation in mineral content was found among the cheeses, especially for sodium. Relationships between minerals and protein in these products are discussed.

207-73

MALNUTRITION AND ITS SOCIAL IMPLICATIONS.

J L Cameron
Sch Lunch J 24 (5): 46-48. June 1970.

349.A SCH6

Children, Deficiency diseases and disorders, Food related disorders, Malnutrition, Mental disorders, Protein-calorie malnutrition.

Abstract: Based on Hunger--U.S.A. Malnutrition found to an extent and degree of severity previously unsuspected. Recognition that malnourished children say emerge from a childhood lacking ability to reach their full genetic intellectual potential introduces a new and frightening note into theories of

national development. Social and political impact comes from the vicious cycle of malnutrition, mental retardation, indolence and unemployment which afflicts depressed peoples throughout the world.

208-73

MALNUTRITION IN THE UNITED STATES.

Jane Voloshick
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Miss., 1971 p 17-10. July 1970/3, 1971.

LB3479.USW5 F6N

Malnutrition, National surveys.

Abstract: This paper discusses various methods for the diagnosis of malnutrition. Information concerning USDA surveys of family food consumption, 1936-1965, and the National Nutrition Survey in 1968 is included. These surveys show that the U.S. National diet is decreasing in nutritional value, and that many low-income families have nutritionally inadequate diets.

209-73

MALNUTRITION, LEARNING, AND BEHAVIOR: PROCEEDINGS OF AN INTERNATIONAL CONFERENCE HELD AT CAMBRIDGE, MASSACHUSETTS, MARCH 1-3, 1967.

Nevin S. Scrimshaw, John E. Gordon
Nutrition Foundation

Cambridge, Mass. 566 p. 1968.

RC260.S.194 F6N

Cultural factors, Demonstrations (Animal), Ecology, Field studies, Learning, Malnutrition, Mental development, Nervous system disorders, Physical development.

Abstract: This collection of articles summarizes the state of current knowledge on the subject of malnutrition and calls for greater effort and new auspices to supplement individual research on a problem of worldwide concern. It urges application of scientific and technological resources for both the social and biological prevention of malnutrition: action on the part of government, agricultural and health agencies, and cooperation and crossover in research--to create a pool of trained persons both in the laboratory and in the field, capable of meeting the manifestly severe dilemma of malnutrition in preschool children. The papers collected here will interest not only scientists but anyone concerned with raising the quality of human life throughout the world.

290-73

HAN AS A PATIENT.

P. A. Cinnamon

J Can Diet Assoc 31 (3): 179-184. ref. Sept 1970.

349.9 C1632

Cultural factors, Diets, Food habits, Food preferences, Food symbolism, Nutrition, Stress, Therapeutic diets.

Abstract: Good nutrition important to the sick person. Cultural, religious, and emotional factors influence patients' reaction to food.

291-73

PROGRESS IN HUMAN NUTRITION: VOLUME 1: SYMPOSIUM OF BIOCHEMISTRY AND NUTRITION ON PROTEINS AND BIOCATALYSTS; DYSNUTRITION IN THE SEVEN AGES OF MAN.

Sheldon Margen, Nancy L. Wilson
Westport, Conn., The AVI Publishing Co. 220 p. 1971.

QP141.AM3 F6N

Age groups, Biochemistry, Developing nations, Iron, Malnutrition, Mental development, Nutrition, Proteins, Special groups, diets.

Abstract: The papers for this first volume are taken from two symposia on nutrition. Articles range from philosophical analysis of malnutrition in developing countries, to description of under-nutrition in the United States.

292-73

NUTRITION AND ELEMENTARY FOOD SCIENCE.

Harriet Marks, Jean H. Ramsbottom
London, Frederick Wornes & Co. Ltd. 200 p. 1970.

TX354.M3 F6N

Food preservation, Food science, Menu planning, Nutrition education, Secondary education, Textbooks, Therapeutic and special diets.

Abstract: This textbook goes into the basic components of food and how these work to nourish the body. The process of digestion and the testing of foods are discussed. Tables are provided with full details on the contents of popular foodstuffs. Further chapters deal with meal planning, diets for special conditions, modern methods of food processing and conservation, and convenience foods.

293-73

NUTRITION IN ACTION. 3d ed.

Ethel Austin Martin
New York, Holt, Rinehart and Winston. 406 p. 1971.

TX354.M3 F6N

Food guides, Food habits, Food selection, Health education, Influences on nutrition, Nutrition education, Nutritional status, Textbooks.

Abstract: This college level textbook's basic purpose is to provide a background in nutrition and to interpret nutrition to students in terms of their own well-being. Topics covered include food habits and nutritional effects, the science of nutrition, applying nutritional science (food selection, meal planning), world nutrition problems, and ethnic diets.

294-73

294-73

NUTRITIONAL ADEQUACY, PREFERENCE, ACCEPTABILITY, AND FOOD PRODUCTION ASPECTS OF HOT AND COLD SCHOOL LUNCHES.

Kathleen M. Martin

State College, Pa. 135 p. 1971.

LB3475.M3 F6N

Dietary standards, Facilities planning and layout, Food preferences, Food preparation, quantity, HACCP, Plate waste, Research methodology, School lunch programs, Type A lunch, Ph.D. Thesis in foods and nutrition, Pennsylvania State University.

Abstract: From the results of this study, it is evident that a cold lunch program can be formulated which will meet the nutritional goals of the School Lunch Program equally as well as a hot lunch program. Since there was no difference in participation and only small differences in cost between the two types of lunches under the conditions of this study, a school board faced with the option of providing a hot or cold lunch program would need to base their decision on a consideration of other factors, such as the relative amount of space and equipment needed for the various methods of providing cold lunches. The assistance by parents and teachers and the costs of cold lunches prepared by other methods were not considered. Some production aspects were assessed under the conditions of this study but would need to be further evaluated under conditions which would prevail if a cold lunch program was introduced in a school with only limited facilities for a cold lunch program.

295-73

FOCUS ON NUTRITION: A TEACHER'S HANDBOOK FOR NUTRITION EDUCATION, GRADES KINDERGARTEN THROUGH SIX.

Massachusetts, Dept. of Education

Boston 69 o. 1973.

LB1587.N4M3 F6N

Curriculum planning, Demonstrations (Animals), Elementary education, Instructional aids, Nutrition education, Teaching guides.

Abstract: The revised edition of this handbook serves two purposes. It is an in-service training manual and reference source for elementary school teachers who do not have a strong background in nutrition. It is also a curriculum guide with a suggested course of study for integrating nutrition education in grades kindergarten through six, to be taught, not as a separate subject, but as it related to many areas of study such as English, mathematics, and social studies. If each community would incorporate these concepts and follow through with an exemplary school food service program available to each student, giant strides could be made in improving the health of our future citizens and leaders.

296-73

MATERNAL NUTRITION (SLIDES); DISTRIBUTED BY NUTRITION TODAY.

Robert Shenk

Nutrition Today

Washington, Nutrition Today 16 slides, 2"x 2", color, 1970.

QP141.A243 F6N AV (Nutrition Today, Teaching aid no. 8)

Anemia, Deficiency diseases and disorders, Dietary standards, Nutrition education, Pregnancy diets, Weight control.

Kit includes: 16 slides and 12 syllabuses. Based on the article: "A Chink in our armor".

Abstract: This teaching kit includes a set of slides providing charts and diagrams showing the effect of pregnancy on various bodily functions and attributes, and the effects of food, drugs, and other factors on pregnant women. The accompanying booklet summarizes current evidence of the effect of food on the outcome of pregnancy.

297-73

THE ECOLOGY OF MALNUTRITION IN CENTRAL AND SOUTHEASTERN EUROPE.

Jacques M. May

New York, Hafner 290 p. 1966.

TX360.E8M26 F6N (Studies in medical geography, v. 6)

Agriculture, Deficiency diseases and disorders, Demography, Diet patterns, Ecology, Europe, Food economics and consumption, Food supply, Malnutrition.

Abstract: This is one of a series of books dealing with the problem of dietary adequacy of people living in specific areas of the world. The book presents the food geography of Central and Southeastern Europe in terms of the area's local diets, food production, surplus and deficiencies, food exports and imports, and environmental capabilities for increased production.

298-73

THE ECOLOGY OF MALNUTRITION IN FIVE COUNTRIES OF EASTERN AND CENTRAL EUROPE.

Jacques M. May

New York, Hafner 292 o. 1963.

TX360.E8M3 F6N (Studies in medical geography, v. 4)

Agriculture, Deficiency diseases and disorders, Demography, Diet patterns, Ecology, Europe, Food economics and consumption, Food supply, Malnutrition.

Abstract: This is one of a series of books dealing with the problem of dietary adequacy of people living in specific areas of the world. The book presents the food geography of Eastern Europe in terms of the area's local diets, food production, surplus and deficiencies, food exports and imports, and environmental capabilities for increased production.

299-73

THE ECOLOGY OF MALNUTRITION IN THE FRENCH SPEAKING COUNTRIES OF WEST AFRICA AND MADAGASCAR.

Jacques M. May

New York, Hafner 433 p. 1968.

TX360.A3M34 F6N (Studies in medical geography, v. 8)

Africa, Agriculture, Deficiency diseases and disorders, Demography, Diet patterns, Ecology, Food economics and consumption, Food supply, Malnutrition.

Abstract: This is one of a series of books dealing with the problem of dietary adequacy of people living in specific areas of the world. The book presents the food geography of West Africa and Madagascar in terms of the area's local diets, food production, surplus and deficiencies, food exports and imports, and environmental capabilities for increased production.

300-73

THE ECOLOGY OF MALNUTRITION IN NORTHERN AFRICA.

Jacques M. May

New York, Hafner 275 p. 1967.

TX360.A3M33 F6N (Studies in medical geography, v. 7)

Africa, Agriculture, Deficiency diseases and disorders, Demography, Diet patterns, Ecology, Food economics and consumption, Food supply, Malnutrition.

Abstract: This is one of a series of books dealing with the problem of dietary adequacy of people living in specific areas of the world. The book presents the food geography of Northern Africa in terms of the area's local diets, food production, surplus and deficiencies, food exports and imports, and environmental capabilities for increased production.

301-73

STUDIES IN DISEASE ECOLOGY.

Jacques M. May

New York, Hafner 613 p. illus. 1971.

RA792.M37 F6N (Studies in medical geography, v. 2)

Demography, Disease prevention, Disorders of body parts and systems, Ecology, Environmental factors, Health.

Abstract: This is the second volume in a series entitled "Studies in medical geography." The series takes the point of view that disease is a maladjustment to the environment to which numerous factors contribute, thus making disease an anthropological phenomenon with a geographical distribution. Thirteen diseases are discussed in detail.

302-73

FOOD FOR YOU.

Margaret McWilliams, Linda David

Boston, Ginn and Company 163 p. illus. 1971.

TX364.M3 F6N

Breakfast, Food habits, Foods instruction, Mental development, Nutrients, Nutrition education, Secondary education, Snacks, Weight control.

Abstract: This book explains why what you eat has a lot to do with the kind of person you are; how diet affects height, weight, complexion, energy level, nerves, and state of mind. It gives hints on changing eating habits for better health.

303-73

MEASURING THE COLOR OF FOODS.

F. M. Clydesdale

Food Technol 26 (7): 45, 46, 47, 48, 49, 50, 51. Jul 1972.

369.8 F7398

Analytical methods, Color in foods, Food analysis, Measurement, Physics.

Abstract: This article discusses general problems of color measurement of foods and problems caused by physical modification of light by a sample and explains how the latter problems can be taken advantage of in improving the color quality of foods.

304-73

METABOLIC EFFECTS OF MEAL FREQUENCY ON NORMAL YOUNG MEN.

Charlotte M. Young

J Am Diet Assoc 61 (4): 391-398. Oct 1972.

369.8 AM34

Analytical methods, College students, Food analysis, Food intake, Meal patterns, Metabolism, Therapeutic and special diets.

Abstract: Ten college men followed a weight maintenance diet for fifteen weeks, with several sub-periods of food intake divided into one, three, or six meals a day. Skin thicknesses, nitrogen retention, percentage of fat intake excreted, xylose absorption, and serum insulin during oral glucose tolerance tests, and serum triglycerides did not differ significantly with variation in frequency of eating. Glucose tolerance appeared to decrease on one meal a day as compared with three or six feedings; serum cholesterol was significantly higher on one than six meals.

305-73

MICROBIOLOGY OF FROZEN CREAM--TYPE PIES, FROZEN COOKED--PEELED SHRIMP AND DRY FOOD--GRADE GELATIN.

L. R. Shelton, K. H. Lewis

Food Technol 25 (3): 28, 29, 30, 33. Mar 1971.

369.8 F7398

Analytical methods, Dried foods, Food analysis, Frozen foods, Gelatin, Microbial contaminants, Pies, Seafood.

Abstract: The continuing acceleration of technological innovations in the food industry during recent years raises important questions about the microbiology of non-sterile, commercially processed products. Studies on the microbiology of non-

sterile foods have proceeded on two avenues. Of paramount importance is the detection and control of pathogenic microorganisms and the other area related to the general microbiological quality of commercial food products. An AFDOUS advisory committee published recommended methods for bacteriological examination and interpretation of data on frozen foods. This marks the first attempt to establish microbial limits for formulated foods, other than dairy products, on a nationwide basis. Further discussion is made on the guidelines for the protection of the public health and the guidance of industry.

306-T3

NUTRITION EDUCATION AND THE RELATED MANAGEMENT PROCESSES: PROCEEDINGS.
Midwest Regional Seminar for School Food Service Supervisors and Directors, University of Wisconsin, 1971
Madison, Wis. 134 p. 1971.
LB3479.U5W5 F6N
Communication skills, Inservice education, Integrated curriculum, Malnutrition, Nutrition education, Proceedings, School community relations, School food service, Seminars.
Abstract: This Seminar emphasized nutrition education as an integrated aspect of the educational process and of school food service management. The major content areas were: trends in nutrition education; relationship of hunger-malnutrition and learning behavior; nutrition as an aspect of social and environmental concerns; nutrition in relation to other aspects of health education; the decision-making process in nutrition education; and communication aspects of nutrition education.

307-T3

MILK DRINKING BY THE LACTOSE INTOLERANT - COMPARISON OF CAUCASIAN AND ORIENTAL ADULTS.
Mines A Nordi, Ellen S Perham
J Am Diet Assoc 61 (3): 256-261, Sept 1971.
349.8 AM34
Food consumption, Lactose intolerance, Milk, Oriental Americans.
Abstract: Groups of Oriental and Caucasian college students were given lactose tolerance tests, and, in addition, answered a questionnaire on past experiences related to milk consumption. As adults, there was no correlation between milk consumption and lactose tolerance between the two groups. However, a highly significant correlation between lactose intolerance in adult Orientals and their milk consumption during childhood was found. At all ages, they consumed less milk than the Caucasians, although most reported greater consumption since coming to the U.S., and 45 per cent were currently drinking milk daily.

308-T3

MINERALS AND BODY STRUCTURE.
G Lynn Brinkman
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 37-42, July 12/24, 1971.
LB3479.USP4 F6N
Iron, Iron-deficiency anemia, Anemia, Nutrition.
Abstract: This paper discusses the macro- and micro-nutrients essential to life and their relation to body structure and disease conditions. Iron and iron-deficiency anemia are discussed to greater extent than the other elements.

309-T3

STAPHYLOCOCCUS FOOD POISONING.
Minneapolis, University, Agricultural Extension Service
Edmund A Zottola
Minneapolis, Minn. 14 p. 1968.
RC143.M5 F6N (Minneapolis, University, Agricultural Extension Service, Extension bulletin 354)
Disease prevention, Food poisoning, History, Sanitation, Staphylococcus food poisoning.
Abstract: This booklet describes the cause and onset of cases of staphylococcus intoxication, what staphylococcus is, how it can contaminate food, how it grows, and how its contamination and growth can be prevented. A short history of staphylococcus poisoning is included. And a distinction is drawn between true food poisoning, such as staphylococcus, and food-borne infection such as salmonellosis.

310-T3

HEALTH EDUCATION GUIDE: GRADES NINE, TEN, ELEVEN, AND TWELVE.
Missouri, Dept. of Education
Jefferson City, Mo. 72 p. 1961.
RA440.M5 F6N (Missouri, Dept. of Education, Publication no. 124-G)
Curriculum planning, Health education, Nutrition education, Secondary education, Teaching guides.
1961 tentative report.
Abstract: This guide was intended to be used to plan secondary school health education programs. It is organized in a sequence of teaching units, including units on body systems, communicable diseases, community health, nutrition, mental health, family living, accident prevention, narcotics, and dental hygiene.

311-T3

TEACHING THE YOUNG CHILD GOOD EATING HABITS FOR LIFE. 2nd. edition.
Missouri, Division of Health
Jefferson City, Mo. 37 p. 1971.
LB1587.N6X52

Activity learning, Nutrition education, Preschool children (2-5 years), Resource guides, Teaching techniques.
Abstract: The underlying idea of this booklet is that a child in his early years develops many attitudes, skills, and concepts concerning food, and that adults need to guide the child and provide varied learning experiences so that he learns good eating habits for life. Beginning with basic concepts, many activities are suggested involving sensory experiences, art, dramatics, music, and science.

312-T3

NUTRITION EDUCATION IN THE ELEMENTARY SCHOOLS: A SUGGESTED GUIDE.
Missouri Home Economics Association
Jefferson City, Mo. 36 p. (n.d.).
LB1587.N6X5 F6N
Elementary education, Nutrition education, Resource guides, Teaching aids, Teaching guides.
Abstract: This guide is intended to help teachers develop a nutrition education program that will imbue their students with good food habits. The guide is divided into three levels to reflect the different needs of students at different stages of growth and development. For each level, the characteristics of the children are described together with the appropriate nutritional concepts to be taught and suggested teaching activities.

313-T3

MODIFICATION OF FOOD HABITS.
M H Hill
Food And Nutr News 44 (1/2): 1,3-4, Oct/Nov 1972.
389.8 F7332
Consumer education, Food guides, Food habits, Food selection, Instructional materials, Nutrition education, Teaching methods.
Abstract: Modification of food habits takes time. Adult education helps, as do weight control programs. Many people still need to be reached.

314-T3

MODIFICATION OF VEGETABLE-EATING BEHAVIOR IN PRESCHOOL CHILDREN.
Carol L Ireten, Helen A Guthrie
J Nutr Educ 4 (3): 100-103, Summer 1972.
TX341.J6
Behavior change, Food habits, Food preparation, Nutrition education, Preschool children (2-5 years), Vegetables.
Abstract: According to the data presented in this study, a behavior modification technique appeared to increase cooked vegetable consumption among preschool children more than did a traditional technique: varying the method of vegetable preparation.

315-T3

MULLIGAN STEW: COUNT DOWN 4-4-3-2 (MOTION PICTURE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY AND THE NATIONAL 4-H SERVICE COMMITTEE.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 reel, 16mm, sd, col, 30 min. 1972.
TX364.M8262 F6N AV
Agriculture, Diets for special conditions, Emergency feeding, Enrichment, Food preservation, Food processing, Fertilization agents, Nutrition education, Space feeding.
Also available in videocassette.
Abstract: The Mulligan Stew's pal, Wilbur Deerlight, plans a camping trip, is trapped by a big rainstorm and flood waters, and does not have enough food to last until he can get safely home again. The Mulligans must put together a food package to be dropped to Wilbur to last him for two weeks. They visit the space program headquarters to get help with kinds of food that will keep Wilbur in good health and give him a balanced diet with food from the four food groups. This must be food that will not spoil, as Wilbur does not have an ice box or refrigerator. The gang learns that most of the things they can send to Wilbur can be found right in their neighborhood supermarket or grocery. The Mulligan Stew learns how food can be changed during processing to have more nutrients, not spoil and take up less space. They also learn where new kinds of food will be grown to feed the world's people.

316-T3

MULLIGAN STEW: COUNT DOWN 4-4-3-2 (VIDEOTAPE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 videocassette, sd, col, 30 min, 3/4", 1972.
TX364.M826 F6N AV
Agriculture, Diets for special conditions, Emergency feeding, Enrichment, Food preservation, Food processing, Fertilization agents, Nutrition education, Space feeding.
For use in videocassette player. Also available in 16mm motion picture film.
Abstract: The Mulligan Stew's pal, Wilbur Deerlight, plans a camping trip, is trapped by a big rainstorm and flood waters, and does not have enough food to last until he can get safely home again. The Mulligans must put together a food package to be dropped to Wilbur to last him for two weeks. They visit the

317-73

space program headquarters to get help with kinds of food that will keep Wilbur in good health and give him a balanced diet with food from the four food groups. This must be food that will not spoil, as Wilbur does not have an ice box or refrigerator. The gang learns that most of the things they can send to Wilbur can be found right in their neighborhood supermarket or grocery. The Mulligan Stew learn how food can be changed during processing to have more nutrients, not spoil and take up less space. They also learn where new kinds of food will be grown to feed the world's people.

317-73

MULLIGAN STEW: GETTING IT ALL TOGETHER (MOTION PICTURE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY AND THE NATIONAL 4-H SERVICE COMMITTEE.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 reel, 16mm, sd, col, 30 min, 1972.
TX364.M8242 FEN AV

Cookery, International, Nutrients, Nutrition education. Also available in videocassette.
Abstract: The Mulligan Stew gang must prepare a meal for kids from all over the world. As they collect all the foods, they recognize that the essential nutrients of proteins, carbohydrates, fat, vitamins and minerals are available in foods from all over the world. Like pizza from Italy, sukiaki from Japan, smorgasbord from Sweden, beef stroganoff from Russia and sauerkraut from Germany. Then hundreds of kids from all over the world arrive in their native costumes and eat their own favorite dishes and try some special foods from other countries.

318-73

MULLIGAN STEW: GETTING IT ALL TOGETHER (VIDEOCASSETTE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 videocassette, sd, col, 30 min, 3/4". 1972.
TX364.M824 FEN AV

Cookery, International, Nutrients, Nutrition education. For use in videocassette player. Also available in 16mm motion picture film.
Abstract: The Mulligan Stew gang must prepare a meal for kids from all over the world. As they collect all the foods, they recognize that the essential nutrients of proteins, carbohydrates, fat, vitamins and minerals are available in foods from all over the world. Like pizza from Italy, sukiaki from Japan, smorgasbord from Sweden, beef stroganoff from Russia and sauerkraut from Germany. Then hundreds of kids from all over the world arrive in their native costumes and eat their own favorite dishes and try some special foods from other countries.

319-73

MULLIGAN STEW: LOOK INSIDE YOURSELF (MOTION PICTURE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY AND THE NATIONAL 4-H SERVICE COMMITTEE.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 reel, 16mm, sd, col, 30 min, 1972.
TX364.M8232 FEN AV

Breakfast, Digestion, Food groups, Food intake, Nutrition education. Also available in videocassette.
Abstract: The Mulligan Stew kids have to find out why Bobby and Alice are always "up-tight." They are cranky and tired all the time and are doing poorly in school. The Mulligan Stew kids find out that Bobby and Alice have not been eating breakfast and they explain why breakfast is important for good health. Cartoon figures show how our food is digested, and what parts of the body are used in digestion. This show repeats the four food groups and the 4-4-3-2 daily servings.

320-73

MULLIGAN STEW: LOOK INSIDE YOURSELF (VIDEOCASSETTE); MADE BY U.S. DEPARTMENT OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 videocassette, sd, col, 30 min, 3/4". 1972.
TX364.M823 FEN AV

Breakfast, Digestion, Food groups, Food intake, Nutrition education. For use in videocassette player. Also available in 16mm motion picture film.
Abstract: The Mulligan Stew kids have to find out why Bobby and Alice are always "up-tight." They are cranky and tired all the time and are doing poorly in school. The Mulligan Stew kids find out that Bobby and Alice have not been eating breakfast and they explain why breakfast is important for good health. Cartoon figures show how our food is digested, and what parts of the body are used in digestion. This show repeats the four food groups and the 4-4-3-2 daily servings.

321-73

MULLIGAN STEW: THE FILM-FLAM MAN (VIDEOCASSETTE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 videocassette, sd, col, 30 min, 3/4". 1972.
TX364.M827 FEN AV

Food fads, Food habits, Food intake, Food selection, Nutrition education. For use in videocassette player. Also available in 16mm motion picture film.
Abstract: The Film-Flam man is a very mad-looking fellow who tells the Mulligan Stew gang that they should buy his book on quick and fad diets. Mulligan gets help from Wilbur Dearlight to try to stop the Film-Flam man from selling his bad diets to kids. The Film-Flam man goes down in defeat. This show teaches about health problems caused by fad diets and why the 4-4-3-2 way is the best way for good health.

322-73

MULLIGAN STEW: THE FILM-FLAM MAN (MOTION PICTURE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY AND THE NATIONAL 4-H SERVICE COMMITTEE.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 reel, 16mm, sd, col, 30 min, 1972.
TX364.M8272 FEN AV

Food fads, Food habits, Food intake, Food selection, Nutrition education. Also available in videocassette.
Abstract: The Film-Flam man is a very mad-looking fellow who tells the Mulligan Stew gang that they should buy his book on quick and fad diets. Mulligan gets help from Wilbur Dearlight to try to stop the Film-Flam man from selling his bad diets to kids. The Film-Flam man goes down in defeat. This show teaches about health problems caused by fad diets and why the 4-4-3-2 way is the best way for good health.

323-73

MULLIGAN STEW: THE GREAT NUTRITION TURN ON (MOTION PICTURE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY AND THE NATIONAL 4-H SERVICE COMMITTEE.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 reel, 16mm, sd, col, 30 min, 1972.
TX364.M82 FEN AV

Breads, Food groups, Fruits, Meat, Milk products, Nutrition education, Vegetables. Also available in videocassette.
Abstract: The "Great Nutrition Turn On" is about the town of Lazy Susan where everyone has fallen asleep. The Mulligan Stew kids discover that the town of Lazy Susan has fallen asleep because they don't eat right. The Mulligan Stew kids are a group of five that make up a rock band, so they try to wake up the town with their music and feed nutrition songs and it works. They tell the town that the four important food groups are: fruits and vegetables, bread and cereals, meat, and milk; they also promote some of the nutrients gotten from certain foods.

324-73

MULLIGAN STEW: THE RACER THAT LOST HIS EDGE (MOTION PICTURE); MADE BY U.S. DEPT. OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY AND THE NATIONAL 4-H SERVICE COMMITTEE.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 reel, 16mm, sd, col, 30 min, 1972.
TX364.M8222 FEN AV

Carbohydrates, Nutrition education, Obesity, Therapeutic and special diets, Weight control. Also available in videocassette.
Abstract: A fat race car driver (who keeps losing) and his new bride (who keeps stuffing him with goodies) learn that you are what you eat and you have to plan right, buy right, and prepare right. The Mulligan Stew help the race car driver and his wife learn that it is more important to eat following a nutrition principle like 4-4-3-2 than just to fill up on goodies.

325-73

MULLIGAN STEW: THE RACER THAT LOST HIS EDGE (VIDEOTAPE); MADE BY U.S. DEPARTMENT OF AGRICULTURE, DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Dept. of Agriculture 1 videocassette, sd, col, 30 min, 3/4". 1972.
TX364.M822 FEN AV

Carbohydrates, Nutrition education, Obesity, Therapeutic and special diets, Weight control. For use in videocassette player. Also available in 16mm motion picture film.
Abstract: A fat race car driver (who keeps losing) and his new bride (who keeps stuffing him with goodies) learn that

you are what your eat and you have to plan right, buy right, and prepare right. The Mulligan Stew help the race car driver and his wife learn that it is as important to eat following a nutrition principle like 4-4-3-2 than just to fill up on goodies.

326-73

MULLIGAN STEW: THE GREAT NUTRITION TURN ON VIDEOCASSETTE;
MADE BY U.S. DEPARTMENT OF AGRICULTURE. DISTRIBUTED BY GREAT PLAINS NATIONAL INSTRUCTIONAL TELEVISION LIBRARY.
U.S., Dept. of Agriculture, Office of Communication, Motion Picture Service
Washington, U.S. Department of Agriculture 1 videocassette, sd, col, 30 min, 3/4". 1972.
TX364.N4 F6M AV
Breads, Food groups, Fruits, Meat, Milk products, Nutrition education, Vegetables.
For use in videocassette player. Also available in 16mm motion picture film.
Abstract: The "Great nutrition Turn On" is about the town of Lazy Susan where everyone has fallen asleep. The Mulligan Stew kids discover that the town of Lazy Susan has fallen asleep because they don't eat right. The Mulligan Stew kids are a group of five that make up a rock band, so they try to wake up the town with their music and good nutrition songs and it works. They tell the town that the four important food groups are: fruits and vegetables, bread and cereals, meat, and milk, they also promote some of the nutrients gotten from certain foods.

327-73

MULTIDISCIPLINARY APPROACH TO THE PROBLEM OF OBESITY - SIXTH MARTHA F. TRULSON MEMORIAL LECTURE.
Theodore & Von Itallie, Robert G Campbell
J Am Diet Assoc 61 (4): 385-390. Oct 1972.
389.8 AM34
Behavior change, Caloric intake, Diet patterns, Food intake, Metabolism, Obesity, Research.
Abstract: Research on the etiology of obesity has successively taken a metabolic and then behavioral approach. The possibility that some obesities are constitutionally determined also has emerged. In the metabolic area, focus has been on subtle biochemical derangements that might promote excessive fat storage. More recently, questions relating to the psychological and emotional orientation of the obese have received attention. The authors' studies have involved observations of lean and obese subjects receiving all of their diet in liquid form from an automatically monitored "feeding machine." They have found that normal-weight subjects spontaneously adjust caloric intake to caloric density of the dispersed liquid diet. Obese subjects in the same situation reduce intake, apparently because non-physiologic attractions of food and eating are removed and because they are insensitive to internal hunger-satiety cues.

328-73

N EDUCATION [PANEL 1.] [PANEL 2.].
Robert J Nelson, Jack Nienewiler, Ethel Hutchcroft
In Proceedings of the Midwest Regional Seminar for Schoolfood Service Supervisors and Directors, U. of Wisc., 1971 p 28-29. July 19/30, 1971.
LB3479.U5W5 F6M
Dietary surveys, National surveys, Regional surveys.
Abstract: The presentation by a 4-member panel covers some of the current trends and future implications for nutrition education at the regional, state and local levels.

329-73

NUCOINS: NUTRITION CONSUMER INFORMATION SYSTEM.
Virginia Orr Baughman, Frances M Magrabi
J Nutr Educ 3 (2): 64-65. Fall 1971.
TX341.J6
Computer applications, Computer science, Information science, Information services, Nutrition.
Abstract: This article is a progress report on a computer-based information system designed to assist program aides in the Expanded Food and Nutrition Education Program by supplying valid and current nutrition information. The computer system responds to a wide variety of client-fueled questions with information based on research findings and reviewed by subject matter experts. The system is evaluated by both experts and users as to validity, appropriateness, relevancy, and timeliness of information, ease of access, and cost to clients and supporting institutions.

330-73

UNCLE JIM'S DAIRY FARM.
National Dairy Council
Laure Ottedal
Chicago, Ill. 22 p. 1971.
SF239.N32 F6M
Agriculture, Animal sources of food, Elementary education, Foods instruction, Milk.
Abstract: Two children, George and Betty, visit their cousins on a dairy farm and learn about dairying, cows, pigs, chickens, and other aspects of agriculture.

331-73

HOW WE TAKE CARE OF OUR TEETH.
National Dairy Council
Mary Washington
Chicago, Ill. unsp. illus. 1971.

RK63.N3 F6M

Dental health, Elementary education, Health education, Hygiene, Nutrition education.
Abstract: This illustrated booklet shows children how teeth grow and how they should care for their teeth, including what foods to eat.

332-73

FEEDING LITTLE FOLKS.
National Dairy Council
E T McEnery, Margaret Jane Suydam
Chicago, Ill. 21 p. 1971.
RJ206.N3 F6M
Food habits, Nutrition, Nutrition education, Preschool children (2-5 years).
Extract: This booklet tells you of your one- to five-year-old child and his food. In it we have tried to help parents foresee some pitfalls which they may escape by understanding some of the ways of little folks with their food. These ways are tied with a child's stage of development, his activity, rest, companionship, and security. It is natural to enjoy eating. Our job as parents and physicians is to let children grow up with this natural enjoyment of food.

333-73

A BOY AND HIS PHYSIQUE.
National Dairy Council
Walter H Gregg
Chicago, Ill. 28 p. 1971.
RA784.N3 F6M
Adolescents (12-19 years), Health education, Hygiene, Nutrition education, Physical development.
Extract: Many boys wonder about how to develop a powerful physique. You may be concerned about your growth, your size, your muscular development. This booklet is written for you by a man who understands the problems and health concerns of teen-age boys. Dr. Walter H. Gregg presents information that will help you to understand what is involved in developing the kind of physique that is right for you, one that helps you to do best whatever you want to do.

334-73

FOOD SCIENCE AND HOW IT BEGAN.
National Dairy Council
Barbara H Evers
Chicago, Ill. 23 p. 1971.
TX359.N32 F6M
Agriculture, Experiments, Food habits, Food science, Food technology, History, Secondary education.
Extract: If you are a teen-age girl or boy who enjoys investigating, manipulating, or testing the things round about you--then this booklet is for you. The full story of food science cannot be told in a few pages. The author hopes only to whet your curiosity about food technology and research. The experiments that begin on page 10 provide an opportunity for testing dairy foods just as they are quality-tested in dairy plants throughout the United States.

335-73

MORE MILK PLEASE!
National Dairy Council
Marjorie Pursel
Chicago, Ill. 18 p. illus. 1971.
TX379.N32 F6M
Agriculture, Animal sources of food, Elementary education, Foods instruction, Milk.
Abstract: In this illustrated booklet a fictional dairy farmer describes how he cares for his cattle, and collects their milk, and how the milk is processed and delivered to consumers.

336-73

MY FRIEND THE COW.
National Dairy Council
Lois Lenski
Chicago, Ill. unsp. illus. 1971.
LB1547.N4N32 F6M
Animal sources of food, Elementary education, Milk, Nutrition education.
Abstract: This cartoon booklet for children illustrates one small boy's discovery of how milk gets from the cow to his breakfast table.

337-73

THE GREAT VITAMIN MYSTERY.
National Dairy Council
Mervin Martin
Chicago, Ill. 37 p. illus. 1970.
LB1547.N4N3 F6M
Deficiency diseases and disorders, Experiments, Food science, History, Nutrition education, Vitamins.
Abstract: This beautifully illustrated booklet tells how "food scientists have unveiled one baffling puzzle after another as they have tracked down killers more ruthless than any the mystery writer has ever created". In the end, this tale reveals two heroes: the elusive vitamin as well as the relentless food scientist.

338-73

CALCIUM IN NUTRITION.
National Dairy Council
Pearl Swanson

339-73

Chicago, Ill. 34 p. 1965.
TX553.C3 F6N

Calcium. Dietary standards, Minerals, Nutrient values.
Revised.

Abstract: One of the nutrients that must be present in diets satisfactory for the human body is the mineral calcium. The calcium supplied by our food is concerned intimately with skeletal growth, with the development of dental tissue, with the maintenance of bone and teeth structure throughout life, and with the regulation and maintenance of body processes that represent life itself. This booklet explicates this intimate causal relationship.

339-73

WEIGHT CONTROL SOURCE BOOK.
National Dairy Council

Chicago, Ill. 21 p. 1971.

RM222.Z.N3 F6N

Food feds, Food habits, Influences on nutrition, Obesity, Resource guides, Weight control.

Abstract: The complexity of the condition is baffling. Published literature on weight control is voluminous--including research data on the physiological aspects of obesity, the food intake of overweight children and adults, psychological aspects of weight reduction, personality characteristics of overweight persons, weight control through nutritionally adequate diets, the contribution of the professionally trained person, and numerous methods of weight control. This Source Book presents a capsule of some of these issues. In it you will find: highlights of some current research; a referral to references you may wish to study further; support for some views you already hold, but perhaps a challenge to others; and some satirical.

340-73

FOOD AND CARE FOR DENTAL HEALTH. Second edition.

National Dairy Council

Chicago, Ill. 13 p. 1971.

RK61.N3 F6N

Dental health, Elementary education, Hygiene, Nutrition education, Teaching guides.

Abstract: Regular care by the dentist, good habits of mouth hygiene, and adequate nutrition are factors known to influence dental health. This booklet brings together chiefly information regarding the relationship of nutrition to dental health. It is intended for teachers, dental hygienists, and other leaders, as well as upper grade and high school students.

341-73

NUTRITION SOURCE BOOK.

National Dairy Council

Chicago, Ill. 40 p. 1971.

TX364.N3 F6N

Dietary standards, Food purchasing, Menu planning, Nutrient values, Nutrition education, Public health, Resource guides.

Abstract: This booklet is planned to help public health nurses and others who work directly with homemakers in counselling regarding food practices. It contains basic nutrition information along with suggestions for translating this information into the needs of families.

342-73

SEARCH AND RESEARCH: SCIENTIFIC INVESTIGATION WITH EMPHASIS ON BIOLOGY.

National Dairy Council

Ruth Wenter

Chicago, Ill. 23 p. illus. 1970.

QH317.N3 F6N

Biology, Demonstrations (Animals), Experiments, Laboratory manuals, Nutrition education, Secondary education, Space feeding.

Abstract: This booklet tells how to design and conduct relatively simple but valid scientific experiments. The emphasis is on biological experiments, and the examples include experiments on protein nutrition in mice, the effects of varying nutrition on plants, and problems involved in the nutrition of space travelers.

343-73

DOING BETTER AT WORK AND PLAY; HOW TO HELP OURSELVES IMPROVE.

National Dairy Council

Helen S. Johnson

Chicago, Ill. 14 p. 1970.

LB1587.A3N3 F6N

Elementary education, Health education, Resource guides, Teaching techniques.

Abstract: This is a report on a continuing guidance unit in health and science developed with boys and girls in third and fourth grades. The method used in developing this unit is an expansion of the problem-solving approach to learning. It is a method of working with children which enables them to identify their own problems, to explore ways of getting answers, to test possible solutions, to draw conclusions satisfying to themselves, and to plan further exploration to broaden their interests. The plan as reported in this booklet: Suggests ways of discovering major areas to be explored; seeks to discover possible concepts which will meet individual needs and can be tested to the satisfaction of the children; attempts to broaden the scope of children's health interests to stimulate desire for further exploration; proposes ways of measuring growth in knowledge, behavior and attitudes; and suggests use of information, learning experiences, and resource materials.

344-73

ANIMALS THAT GIVE PEOPLE MILK.

National Dairy Council

Terrence W. McCabe, Harley W. Mitchell

Chicago, Ill. 28 p. illus. 1971.

SF239.N3 F6N

Agriculture, Animal sources of food, Elementary education, History, Milk.

Abstract: This booklet describes the history of dairying, the different types of dairy cattle, how they are bred and raised and how they produce milk, and the different kinds of milk and their nutritive values. Goats, reindeer, yaks, horses and other animals used to supply milk in various parts of the world are also discussed.

345-73

THEY ASK WHY.

National Dairy Council

Barbara H. Evers

Chicago, Ill. 14 p. 1970.

HQ35.N3 F6N

Adolescents (12-19 years), Age groups, Food habits, Nutrition education, Psychology.

Abstract: This booklet asks and answers some typical questions that are often of concern to teenagers: what to eat, how to eat, and how to get questions answered.

346-73

WHERE WE GET OUR FOOD.

National Dairy Council

Chicago, Ill. 18 p. illus. 1971.

TX355.N3 F6N

Animal sources of food, Elementary education, Foods instruction, Plant sources of foods.

Abstract: This booklet for children contains full page color illustrations with a short simple text explaining how various foods are grown, processed, and made available to consumers.

347-73

WHAT DID YOU HAVE FOR BREAKFAST THIS MORNING? GUIDE FOR THE TEACHER.

National Dairy Council

Chicago, Ill. 11 p. 1971.

LB1547.N4N3 F6N

Breakfast, Cultural factors, Elementary education, Food habits, Nutrition education, Teaching guides.

Abstract: An understanding of the food patterns of different nationalities and regional groups can help us better appreciate the food patterns of all people, those living abroad as well as those living in the United States. It is this premise upon which this project is based.

348-73

NEWER KNOWLEDGE OF CHEESE. 2d ed.

National Dairy Council

Chicago, Ill. 48 p. 1968.

TX382.N3 F6N

Cheese, Food processing, Milk products, Nutrient values.

Abstract: This booklet describes the history, production, manufacture and nutritive value of cheese. Over a dozen cheeses are discussed in considerable detail, and the role of cheese in the diets of different age groups is touched upon.

349-73

NEWER KNOWLEDGE OF MILK. Third edition.

National Dairy Council

Chicago, Ill. 44 p. 1968.

TX379.N3 F6N

Dietary standards, Dietetics, Food composition, Food processing, Food quality, Food standards and legislation, Milk, Nutrient values, Statistical data.

Abstract: This booklet teaches on almost every aspect of milk as a human food: processing techniques and effects; kinds of milk, their preparation and food value; the constituents of milk and their contributions to the diet; the need for milk in normal and therapeutic diets for people of different ages; and quality control in milk production and distribution. The appendices include tables of the amino acid distribution and partial composition of various forms of milk, and a short bibliography.

350-73

LET'S TAKE MILK APART.

National Dairy Council

Jeffrey Benson

Chicago, Ill. 28 p. 1971.

TX556.N5N3 F6N

Elementary education, Food chemistry, Food composition, Laboratory manuals, Milk, Milk products, Nutrition education.

Abstract: This laboratory manual gives the procedures, a list of materials, cautionary notes, and record sheets to use in performing several experimental tests on milk. The tests include Benedict's test; Fehling's test; tests for starch, fat, and protein; and tests for separating milk fat from milk or cream and separating curds and whey. Supplementary information is provided on common nutrients and the constituents and characteristics of milk and milk products. A teaching guide, 'Taking Milk Apart', is also available.

- 351-73
TAKING MILK APART.
National Dairy Council
Jeffrey Benson
Chicago, Ill. 44 o. 1968.
TX556.M5N3 F&N
Elementary education, Food chemistry, Food composition, Laboratory manuals, Milk, Milk products, Nutrition education, Teaching guides.
Abstract: This series of food investigations, designed for use in the upper elementary grades, involves children in using the techniques or processes of science. This material is organized into two investigations preceded by an introduction, teaching objectives, equipment and vocabulary lists. There is also an appendix containing the nutrient tests and instructions for taking milk apart, plus some corollary information about nutrients and dairy foods. Each of the investigations contains detailed suggestions for presenting the experiments and emphasizing the processes involved. For teachers who are not familiar with this way of teaching science, key questions and instructions addressed to the students are printed in darker type.
- 352-73
A SOURCE BOOK ON FOOD PRACTICES: WITH EMPHASIS ON CHILDREN AND ADOLESCENTS.
National Dairy Council
Chicago, Ill. 19 p. 1971.
TX361.C5N3 F&N
Adolescents (12-13 years), Breakfast, Children, Cultural factors, Food habits, Food symbolism, Nutrition education, Weight control.
Abstract: The philosophy being presented in this source book is that in a preventive program for weight control it is as essential to examine learning, feeling, motivation, remembering and thinking as it is to study nutrients, their functions, sources and energy balance, and that the program should begin early. Four themes are developed. The first recalls something of the complex human element in food practices. Food is a physiologic necessity, but it is more than that. It has social significance, emotional and cultural significance. It has symbolic meaning. The viewpoints of specialists in different disciplines are presented. The second topic is a report of a project initiated in the early 1940's to solve problems raised by wartime food shortages and dislocations of populations. The historic significance of this study is it openly recognized that imparting nutrition information alone is not sufficient to get people to change their food habits. Third theme is most extensive. Information from studies of food practices during pregnancy, of children and adolescents are abstracted. Fourth section considers some issues in nutrition education.
- 353-73
HOW YOUR BODY USES FOOD.
National Dairy Council
Albert Plitz
Chicago, Ill. 26 p. illus. 1971.
L81547.M5N3 F&N
Dietary standards, Elementary education, Food technology, Nutrition education, Space feeding, Supplementary textbooks.
Abstract: This booklet addresses ten to twelve year-olds in the second earson in order to personalize the basic nutrition information presented. It answers the question "what are you?" on various levels, beginning with the molecular and moving up to the organic, pointing out the uses and need for food at each level. The last chapter tells about the foods the astronauts eat and about the research being performed to discover ways of feeding future space travellers on longer voyages.
- 354-73
A GUIDE TO GOOD EATING. 3d ed.
National Dairy Council
Chicago, Ill. unc. 1971.
TX355.43 F&N
Charts, Food guides.
Abstract: This leaflet lists the four important food groups and how much you should consume of each for good nutrition.
- 355-73
MILK INFORMATION SHEET.
National Dairy Council
Chicago, Ill. unc. 1971.
TX379.N322 F&N
Milk, Nutrient values.
Abstract: This leaflet provides basic information about the nutritional value, care, uses, and kinds of milk.
- 356-73
CHOOSE YOUR CALORIES BY THE COMPANY YOU KEEP.
National Dairy Council
Chicago, Ill. unc. 1971.
TX355.N324 F&N
Caloric values, Food guides, Nutrients.
Abstract: This leaflet lists common nutrients, foods that supply them, and why you need them. The emphasis is that good nutrition and health depends on eating the right foods containing the right nutrients rather than just counting calories.
- 357-73
RESEARCH EXPLORES NUTRITION AND DENTAL HEALTH.
National Institutes of Dental Research
Bethesda, Md. unc. 1970.
- 358-73
HOW CHILDREN GROW: CLINICAL RESEARCH ADVANCES IN HUMAN GROWTH AND DEVELOPMENT.
National Institutes of Health, Division of Research Resources
Bethesda, Md. 56 p. 1972.
RJ131.N3 F&N
Anthropometry, Children, Health education, Physical development.
Abstract: This booklet describes a human being's development from the germ cells to 100,000 billion cells. The contents cover low birth weight infants; intrauterine growth; the effects of nutrition, hormones, illness, and emotion on a child's growth; and the role of obesity and early and late puberty on adolescents' growth.
- 359-73
NATIONAL NUTRITION EDUCATION CONFERENCE.
Margaret R Stewart
Nutr Program News A p. Jan/Feb 1972.
1.982 AZN955
Adolescents (12-19 years), Conferences, Dietary study methods, Food habits, Nutrition, Nutrition education, Nutritional status.
Abstract: Teenagers are notorious for their poor eating habits. Many rarely eat complete meals, consuming mostly hamburgers, sodas, potato chips, and chocolate bars. Their nutrient and caloric consumption varies widely from day-to-day, so the nutrition... adequacy of their diets is hard to calculate. This conference focused on: "youth today" - including life style and eating habits; "youth in his environment"; and "identification of effective ways of working with youth in providing support in the development of his food habits."
- 360-73
THE NEED FOR IRON FORTIFICATION.
Elsie R Monsen
J Nutr Educ 2 (4): 152-155. Spring 1971.
TX341.J6
Dietary supplements, Food habits, Food preferences, Fortification agents, Iron, Nutrition.
Abstract: The article suggests there is a need for dietary supplementation in the United States, and that a food fortification program is long overdue. The author studies the depletion of iron in most people's diets, and presents a case for iron supplementation. She emphasizes that besides iron, other nutrients, such as amino acids and vitamins, also need critical consideration.
- 361-73
NEW (TRITION) TWIST TO AN OLD GAME.
V Bronsen
Sch Lunch J 25 (5): 60. May 1971.
389.4 SCH6
American Indians, Children, Childrens games, Extension agents, Low income groups, Nutrition education, Snacks.
Abstract: Work being done by extension agents to help Indians on reservations serve more nourishing foods. Also use of basketball followed by wholesome snacks to promote nutrition education in young boys.
- 362-73
FOOD SCIENCE.
New Jersey, Dept. of Education, Vocational Division
Nicholas Psalak
N.J., Rutgers, Curriculum Laboratory 218 p. 1970.
TX663.P64 F&N
Food composition, Food preservation, Food science, Food spoilage, Foods instruction, Leavening agents, Vocational education.
Abstract: This Food Science manual was prepared to provide a basic knowledge and understanding of the science of foods. It begins with the fundamental concepts and principles of science and develops into a growing range of experiences necessary in the food trades. It is comprehensive enough to serve as a basis for the study of the bacteriology of foods, nutrition, and chemistry of foods. Food Science as it relates to commercial foods and baking trades also includes basic principles of science as applied to processing and preserving food. Little preparation or background material is necessary to embark on this course. The student may have a simple background of science from his everyday experiences to relate the food science with his shop activities. Food Science has as its primary purpose the development of an inquiring attitude in the science of foods.
- 363-73
A NEW LOOK AT NUTRITION EDUCATION ---THE TIME CAPSULE.
Mary A Seadeh, Mary L Campbell
In Proceedings of the Nutrition Education Seminars,
Florida Agricultural and Mechanical Univ., 1971 p 144-145.
July 18/28, 1971.
LB3479.U5 F&N

364-73

Nutrition education.

Abstract: This paper covers a half-day session of unique presentations of nutrition education. The program included seven parts.

364-73

NUTRITION AND SCHOOL LUNCH; COURSE 2, SCHOOL LUNCH WORKBOOK. New Mexico, Dept. of Education. Santa Fe, N.M. 81 p. 1964. TX361.25442

Food guides, Food habits, Nutrition, Nutrition education, School lunch programs.

Abstract: This workbook is from an elementary nutrition course offered for school lunch personnel.

365-73

NUTRITION AND SCHOOL FOOD SERVICE, STATE OF NEW MEXICO. Revised edition.

New Mexico, Dept. of Education. Santa Fe, N.M. 82 p. 1970. TX361.C5N4 F6N

Food guides, Food habits, History, Nutrition, Nutrition education, School lunch programs, Type A lunch.

Abstract: This workbook includes basic nutrition information and its application in preparing school lunches.

366-73

THE NEW VEGETARIANS: WHO ARE THEY?

Johanne T. Dwyer

J Am Diet Assoc 62 (5): 503-509, May 1973.

389.8 AM34

Food fads, Food intake, Nutritional status, Vegetarian diets, Young adults (20-34 years).

Abstract: Diet and various aspects of life style connected with it were studied in 100 young American adults who were vegetarians but not Seventh-Day Adventists. Great variations among subjects were found, suggesting that the "new" vegetarians consist of several diverse groups. They range from self-vegetarians who merely avoid a few animal foods to vegans; and from few to many proscriptions of other, non-animal foods. Vegetarianism among young adults may represent a harmless and transient eccentricity among those whose avoidances are few; but when it is extreme to the point of veganism and coupled with avoidance of other foods, its adverse impact on nutritional status may be considerable.

367-73

SYMPOSIUM PAPERS ON FOOD AND HEALTH.

New York (State), Cornell Agricultural Experiment Station, Ithaca

Geneva, N.Y. 79 p. 1963.

TX345.N4 F6N (New York (State), Cornell Agricultural Experiment Station. Bulletin no. 790)

Agricultural development, Dietary standards, Food beliefs, Food chemistry, Food science, Food technology, Health, Nutrition, Research.

Abstract: This pamphlet is a collection of papers given at the Symposium on Food and Health held at Cornell University in 1960. Topics discussed include (1) the characteristics of an adequate diet, (2) the role of chemistry and technology in modern food development, (3) public education and food attitudes, (4) the future of nutrition, (5) food in national and international welfare. There are also five articles dealing with the State of New York's and Cornell University's interest in and contributions to the health and nutrition field.

368-73

NEWER METHODS OF NUTRITIONAL BIOCHEMISTRY WITH APPLICATIONS AND INTERPRETATIONS - VOLUME V.

Anthony A. Albanese

New York, Academic Press 252 p. 1972.

QP514.2.N4 F6N

Biochemistry, Carbohydrates, Dietary standards, Metabolism, Nutrient quality determination, Nutrient values, Nutrition, Protein-calorie malnutrition, Proteins.

Abstract: This is the fifth volume of a multi-volume treatise that presents the principles and procedures for determining factors affecting the nutritional value of foods. Discussions range from the nutritional and metabolic aspects of circadian rhythms to effects of protein quality and quantity on protein utilization. Volume V includes a discussion of self-selective alimentation - a new experimental model for separate feeding which offers a novel approach to determining protein and individual amino acid needs. The chapters on influence of nutritional factors on ribosomal dynamics and enthalpy/entropy factors review biochemical research at the molecular level. Biochemical aspects of protein-calorie malnutrition in young children and dietary carbohydrate and triglyceride interrelationships in man are discussed in terms of recent advances in the field of world food problems.

369-73

NOMINAL GROUP PROCESS FOR DEFINING THE PROBLEMS IN NUTRITION.

Andrew Van de Ven

In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 31-44, July 19/30, 1971.

LB3479.U5V5 F6N

Nutrition education, Programs.

Abstract: This paper discusses a problem exploration meeting attended by seminar participants. The nominal (silent) group

approach was used. The task statement for the nominal group meeting was "what are the problems in implementing nutrition education programs within your state?" nominal group reports from 11 states are included.

370-73

BASIC NUTRITION AND MENU PLANNING; INSTRUCTOR'S GUIDE.

North Carolina, Dept. of Public Instruction

Raleigh, N.C. UNP. [n.d.].

TX728.N6 F6N

Food service training, Menu planning, Nutrition, School food service, Teaching guides, Televised instruction.

Abstract: This guide is a lesson by lesson outline of a televised course designed for school lunch personnel.

371-73

FUEL PUZZLE; BASIC 4; PLAN-A-MEAL.

North Dakota State University, Cooperative Extension Service Fargo, N.D. UNP. [n.d.].

LB1587.N8N6 F6N

Educational games, Elementary education, Nutrition education.

Abstract: The games include "Fuel Puzzle", "Basic 4", and "Plan-a-meal". Each game consists of a single sheet of paper, and involves drawing lines connecting food pictures, circling food pictures, or solving simple puzzles about foods.

372-73

NUTRITION EDUCATION: NUTRITION DELIVERY SYSTEMS AND THE MANAGEMENT FUNCTIONS; PROCEEDINGS.

Northeast Regional Seminar for School Food Service Supervisors, Pennsylvania State University, 1971

Sara J. Clemen

University Park, Pa. 169 p. 1971.

LB3479.U5P4 F6N

Dietary standards, Food technology, Inservice education, Nutrition education, Proceedings, School community relations, School food service, Seminars, Systems analysis.

Abstract: Under the seminar topic of "Nutrition Education: Nutrition Delivery Systems and the Management Function," two major objectives were identified. The first, to review basic nutrition concepts and significant current research in a manner which emphasized application to a school food service setting. A second objective was to explicate the interface of the school food service operation as one of the many subsystems within the school in such a manner as to provide the supervisors with an effective mechanism to communicate with their important publics: students, faculty, administration, and the parent-community group. Accordingly, attention was directed to obtaining an understanding of the frame of reference and operational characteristics of each of these publics to more effectively deal with related problems and ultimately to aid in the improvement of the nutritional status of the child.

373-73

NOW, HOW ABOUT CHILD DAY EVERYDAY?

J. Dryden

Sch Lunch J 24 (6): 19-20, June 1970.

389.8 SCH6

Children, Hunger, Malnutrition.

Abstract: Decries the popularity of ecology in a nation which still has frightening amounts of hunger and malnutrition in its children.

374-73

NUTRIENT INTAKE AND WEIGHT RESPONSE OF WOMEN ON WEIGHT-CONTROL DIETS.

Kathleen J. Lewis, Margaret D. Doyle

J Am Diet Assoc 56 (2): 119-125, Feb 1970.

389.8 AM34

Dietary surveys, Food habits, Food intake, Obesity, Weight control.

Abstract: The exploratory study reported here was concerned with the nutrient intake, food habits, and attendant weight response over 28 days for 58 overweight women volunteers. The sample was first divided into two groups depending on whether the individual subjects had been successful or unsuccessful in losing weight during the study. After a preliminary analysis, these two groups were further divided into 6 subgroups. The general findings, which await more definitive research before conclusions may be drawn are: (a) the weight response directly followed the mean caloric intake of the subgroups; (b) in general, the more successful the average subgroup subject had been in losing weight, the lower her caloric intake and the greater her diet in protein, vitamins, and minerals-calorie intake; (c) difference in nutrient quality of diets of the 6 subgroups was more distinct than was seen when the diets of only the successful and unsuccessful groups were considered; (d) different dietary habits were revealed in the second analysis.

375-73

NUTRIENTS IN UNIVERSITY FOOD SERVICE MEALS - I. DATA DETERMINED BY FOOD INVENTORY.

Louise Guild, Dorothy Oenthardt, Elizabeth Rust

J Am Diet Assoc 61 (1): 34-37, Jul 1972.

389.8 AM34

Analytical methods, College food service, College students, Food analysis, Nutrient values, Nutrients.

Abstract: This article stresses that provision, through proper planning, of needed nutrients is important in large-quantity food service. In this first of two reports on the nutritional

value of food offered in a university food service, nutrients were calculated from inventory issues. For five periods, representing three sessions and three school years, the foods offered on the cafeteria counter would have provided, in terms of proximate composition, minerals, and vitamins, the Recommended Dietary Allowances for young adults, except for iron for young women (which was marginal). Special considerations in calculating nutrients were given to fatty acids and cholesterol, in view of their suspected involvement in the development of atherosclerosis.

376-73

NUTRIENTS IN UNIVERSITY FOOD SERVICE MEALS - II. DATA FROM MEALS SELECTED BY STUDENTS.

Louise Gullid, Dorothy Deethardt, Elizabeth Rust
J Am Diet Assoc 61 (11): 38-41, Jul 1972.
389.8 AM34

Analytical methods, College food service, College students, Food analysis, Food preferences, Nutrient values, Nutrients. Abstract: In the second part of the study of a university food service, actual selections of foods by students from the cafeteria line were recorded for two of the five periods and nutrient consumption calculated. Average nutrients in the meals chosen were above 90 per cent of the calculated inventory values reported in Part I for lactose, calcium, cholesterol, linoleic acid, other simple carbohydrates, protein, and riboflavin. Ratios between foods as purchased and as served were lower for thiamin, ascorbic acid, complex carbohydrates, iron, fat, and oleic acid. By this method of study, too, nutrient content of the average combined daily meals for both sexes was sufficient to the Recommended Dietary Allowances, except for iron for the women.

377-73

NUTRITION (TRANSPARENCIES).

DCA Educational Products, Inc.
Philadelphia, DCA Educational Products, Inc. kit, 20 transparencies, color in carrying case. In.d.l.
TX364.M8 FCN AV

Nutrition education, Secondary education.
For use with overhead projector. Contains a teacher's guide. Abstract: For use in high school or adult education classes, this kit of twenty overhead transparencies is a foundation for a first course in nutrition. The transparencies illustrate why the body needs food and describe the sources and functions of nutrients--water, carbohydrates, fats, proteins, and amino acids. The measurement and use of energy, the role of vitamins and minerals, the uses of the four basic food groups, and the amount and kinds of food needed daily are all portrayed.

378-73

NUTRITION CANADA.

Alexander Campbell, Zachary Sabry
Nutr Today 6 (6): 17-22, Nov/Dec 1971.
RA784.M8

Canada, Dietary study methods, Dietary surveys, National surveys, Nutritional status.
Abstract: This article describes the nutritional survey, known as "Nutrition Canada," in which 25,000 Canadians from Frobisher Bay to Victoria and from Ixturk to Cape Sable were to have been interviewed about their food habits, examined by physicians, measured by anthropometrists, interviewed by dietitians, studied by dentists, and will have given both blood and urine specimens for laboratory analysis. The survey will answer questions about eating habits, types of food, incidence of nutritional deficiencies, and nutrient intake.

379-73

NUTRITION AND "THE PILL".

Robert E Hodges
J Am Diet Assoc 59 (13): 212-217, Sept 1971.
389.8 AM34

Contraceptives, Oral, Disorders, Influences on nutrition, Metabolic disorders, Nutrition, Pregnancy diets.
Abstract: Oral contraceptives are of the major types: combined or sequential. They both consist of estrogenic and progestational compounds which either inhibit ovulation or alter the characteristics of endometrium and of the cervical mucus. Groups of women taking oral contraceptives are reported to have a moderate number of complaints and a very small incidence of serious or fatal complications. Nutritional implications of the pill include: modest weight gain, some increased propensity toward development of diabetes and hypertension, an increase in blood lipids, and a beneficial effect on iron metabolism. The best documented metabolic nutritional disorder is an apparent increase in the physiologic need for pyridoxine as estimated by the tryptophan load test. Preliminary evidence tends to verify a relationship between this abnormality and certain annoying symptoms accompanying the use of the pill.

380-73

NUTRITION AND CELL GROWTH.

J L Cameron
Sch Lunch J 24 (31): 20-22, Mar 1970.
389.8 SCH6

Cells, Nutrition, Physical development.
Abstract: Growth is initially due to cell division, then cell division and growth of cell size, and finally only growth size.

381-73

NUTRITION AND HANDICAPPED CHILDREN.

Helen M Wallace
J Am Diet Assoc 61 (21): 127-133, Aug 1972.
389.8 AM34

Children, Diets for special conditions, Food service, Mental retardation, Nutrition, Physically handicapped, Therapeutic and special diets.
Abstract: Poor nutritional status in pregnancy, especially of teen-age mothers, is a factor in infant mortality and morbidity, and malnutrition has been shown to be an etiologic factor in mental retardation. The author elaborates on the importance of nutrition in prevention of such problems. In addition, the nutritional condition of the handicapped child is frequently poor or marginal. Nutritional management of such children is important in their care and rehabilitation, and an area where the nutritionist/dietitian clearly has a role to play--in various community settings, in schools, in day care centers, as well as in helping the home-bound child or those in residential care.

382-73

NUTRITION AND HEALTH-SCREENING SERVICES FOR THE ELDERLY - REPORT OF A DEMONSTRATION PROJECT.

Dauglas Helmes
J Am Diet Assoc 60 (41): 301-305, Apr 1972.
389.8 AM34

Elderly (65 + years), Food habits, Food programs, Health education, Meals, Nutrition education.
Abstract: The nutrition program described by the author had a dramatic, significant impact on participants in terms of eating habits, nutritional knowledge, interpersonal relationships, and morale. The success of this program is indicative of the need for, and the benefits to be derived from, the maintenance of similar programs for elderly Americans across the country. Major implications derived from this program were: (1) any organization or group planning to develop and maintain a nutrition program should be aware of the potential problems; (2) before embarking on a nutrition program, a realistic picture of necessary staffing patterns should be developed. Particular care should be devoted to the identification and training of a group of aged indigenous workers; (3) the provision of meals can lure the isolated aged person into the program. It is equally evident that the meals can provide a context in which re-socialization can occur, as well as specific education tailored to various needs of the aged population.

383-73

NUTRITION AND ISCHEMIC HEART DISEASE.

Roger J Williams
Sardena Rev Nutr Res 31 (2): 17-29, Apr/Jun 1971.
389.8 864

Atherosclerosis, Cardiovascular disorders, Cholesterol, Nutrition.
Abstract: Ischemia is a condition characterized by a deficiency of blood, due to functional constriction or to actual obstruction of blood vessels. It may be caused by malformed hearts or blood vessels, which may in turn be due to poor prenatal nutrition as is indicated by some animal experiments. Ischemic heart disease is intimately related to atherosclerosis, a condition involving the incrustation of blood vessels with plaques containing cholesterol and calcium. High blood-cholesterol levels are sometimes associated with heart attacks but the author tentatively objects to the notion that high cholesterol per se causes atherosclerosis, or that a reduction in consumption of certain high-cholesterol foods or saturated fats is advisable. The hypothesis underlying his discussion is that all nutrients working together as a team contribute to the maintenance of healthy tissues in blood vessels and hearts. Keeping this in mind, he considers the possibility that deficiencies of individual nutrients act as causative factors in ischemic heart disease.

384-73

NUTRITION AND LEARNING - IMPLICATIONS FOR SCHOOLS.

Margaret R Stewart
Nutr Program News 4 p. Mar/Apr 1971.
1.982 AZN955

Brain damage, Children, Learning, Malnutrition, Mental development, Nutrition, Nutrition education.
Abstract: Research on the influence of malnutrition on the brain is surveyed. Severe malnutrition during the time of brain cell division (3-6 months of age) can result in fewer brain cells and irreparable mental damage. Malnutrition at later stages will reduce the size of existing brain cells, but since it will not reduce the number of brain cells, the damage can be reversed. However, moderate malnutrition at any age can affect learning ability, and malnutrition can result from poor food habits as well as from sheer lack of food. The incultation of good food habits is an important aspect of nutrition education.

385-73

NUTRITION AND PREGNANCY.

Howard N Jacobson
J Am Diet Assoc 60 (1): 26-29, Jan 1972.
389.8 AM34

Nutrition, Pregnancy diets, Special groups, diets, Weight control.
Extract: There is a crying need for a national maternity care program, if pregnant women are to be assured their rights to sufficient, nutritious food. But first, the scope and dimensions

386-73

ons of the problem must be surveyed. Resulting information will then make it possible to provide first class nutritional service to pregnant women within the changing national health program.

386-73

NUTRITION AND SOCIAL DEPENDENCY.

Charles U. Smith
In Proceedings of the Nutrition Education Seminar,
Florida Agricultural and Mechanical Univ., 1971 p 146-150.
July 18/20, 1971.
L03479.05 F&N
Malnutrition, Social conformity.
Abstract: This paper reviews a number of ways in which malnutrition can dispose an individual to become socially dependent on the programs of society for meeting his daily needs.

387-73

NUTRITION AND STRESS (SLIDES); NUTRITION TODAY; TEACHING AID NUMBER 1. DISTRIBUTED BY NUTRITION TODAY, WASHINGTON, D.C.

Hans Selye
Nutrition Today
Washington, Nutrition Today 13 slides, 2" x 2", color, 1970.
RC584.4A F&N AY [Nutrition Today; teaching aid number 1.]
Instructional aids, Metabolic disorders, Nutrition, Stress.
KIT includes: 13 slides and 5 syllabuses.
Abstract: This brief review deals with a few of the many nutritional factors that influence the body's reaction to stress. These factors are illustrated by examples taken from the author's experimental work. Their detailed analysis shows the great intricacy of the interrelations between nutrition and stress. The author concludes that "the least physicians and dietitians can do is see to it that the person they are treating is not burdened with the additional stress of food nutritionally deficient or tasteless. Good food may not hasten a patient's recovery, but poor food certainly induces stress that can delay it."

388-73

NUTRITION AND THE TYPE A LUNCH.

Mary M. Hill
Nutr Program News 4 p. Nov/Dec 1968.
1.982 A2N955
Dietary standards, Nutrient values, Nutrition education, Type A lunch.
Abstract: The Type A lunch pattern is a package of nutrients and food energy based on solid nutrition research. As interpreted by the National School Lunch Program, the amounts of food specified for a Type A lunch should provide one-third of the Recommended Daily Allowances. This article, adapted from a talk given at the 22nd convention of the Association, describes the nutritional value of the components of a Type A lunch.

389-73

NUTRITION BY PRACTICE.

D. N. Goussas
Sch Foodserv J 25 (7): 43-45, Jul/Aug 1972.
389.0 SCH6
Children, Nutrition education, Recreational programs, School food service.
Abstract: Kent State University has a three-pronged program for children 5-13 years old. It consists of:

390-73

NUTRITION EDUCATION AND THE SPANISH-SPEAKING AMERICAN.

Marcelle A. Bailey
J Nutr Educ 2 (2): 50-54, Fall 1973.
TX341.J6
Children, Deficiency diseases and disorders, Diet patterns, Dietary surveys, Food habits, Nutrition education, Nutritional status, Recall, Spanish Americans.
Abstract: This article summarizes the data obtained in various dietary surveys and clinical studies of the food habits and nutritional status of Spanish-speaking Americans. Although the diets of Mexican-Americans, Spanish-Americans proper, Puerto Ricans, and Cubans vary considerably, Spanish-Americans as a whole generally have poorer diets and more nutritional deficiencies than their Anglo counterparts. However, iron levels were higher partly due to the use of iron pots in cooking. The author suggests that nutrition teachers working with Spanish-Americans "be sensitive to the cultural lag that creates a gap between folk beliefs and practices regarding food and modern scientific concepts of nutrition." "Valid" ethnic food practices should be continued, with some supplementation and substitution to increase nutritional value.

391-73

NUTRITION EDUCATION BY NONPROFESSIONAL AIDES.

Margaret R. Stewart
Nutr Program News 4 p. May/Jun 1971.
1.982 A2N955
Agricultural Extension Service, Nutrition education, Teacher aides.
Abstract: There are not enough trained professional personnel to provide nutrition information to all who need it. Nonprofessional paid aides are being trained and employed in many nutrition education programs. Going beyond education, an aide can often help people use their limited resources to greater advantage. The aides themselves often benefit greatly through the training and work experience. Current nutrition programs employ from 5 to 7,000 aides. Some of these programs are described in this article.

392-73

NUTRITION EDUCATION COMES INTO ITS OWN.

M. D. Ulrich
Food And Nutr News 43 (1/2): 1,4, Oct/Nov 1971.
389.0 F7332
Advertising, Consumer education, Labeling, Nutrition education.
Abstract: Importance of nutrition education and ways of dissemination are today's challenge to the nutrition educator.

393-73

NUTRITION EDUCATION FOR MOTHERS OF FILIPINO PRESCHOOL CHILDREN.

Carol B. Suter
J Nutr Educ 3 (2): 66-70, Fall 1971.
TX341.J6
Developing nations, Diets for special conditions, Food habits, Food substitutions, Nutrition education, Philippines.
Abstract: The Mothercraft Center concept has been used in the Philippines to help low-income mothers who cannot afford to buy milk, meat, and eggs; now to adequately feed their preschool children. The article is a vivid portrayal of the author's personal experiences in nutrition education at a simple rural level, but contains many points that apply to complex community programs. The author demonstrates the essentials to effective nutrition education: motivation, demonstration, and cooperation.

394-73

NUTRITION EDUCATION FOR THE "NOW" GENERATION.

Darla Erhard
J Nutr Educ 2 (4): 135-139, Spring 1971.
TX341.J6
Dietary standards, Food fads, Food preferences, Foods instruction, Nutrition education, Vegetarian diets.
Abstract: The author investigates food faddism, and specifically vegetarianism, as practiced among people of the counterculture in the San Francisco Bay area. The study gives information on the nutritional needs of this group. From this information, the author proposes a nutrition education program tailored to the needs of such counterculture groups.

395-73

NUTRITION EDUCATION FOR YOUTH.

U.S., Interagency Committee on Nutrition Education
J Home Econ 64 (2): 34-38, Feb 1972.
321.8 J92
Adolescents (12-19 years), Nutrition education, Teaching techniques.
Abstract: An approach other than stating a particular food "is good for you" is needed in teaching nutrition. Attitudes, approaches, and teaching techniques must change to motivate adolescents.

396-73

NUTRITION EDUCATION IS BEHAVIORAL CHANGE.

Katherine A. Niemeyer
J Nutr Educ 3 (1): 32-33, Summer 1971.
TX341.J6
Behavior change, Dietetics, Elderly (65+ years), Food habits, Hospital food service, Nutrition education, Resistance to change.
Abstract: Nutrition education in a rehabilitation program must prepare the individual to meet his nutrition needs in varying situations. Supervised reality testing and timing are used to determine patient understanding.

397-73

NUTRITION EDUCATION PRACTICES IN ELEMENTARY SCHOOLS IN HAWAII.

Manuel M. Cortes, Elizabeth R. Standa
J Nutr Educ 5(1): 18-21, Jan/Mar 1973.
TX341.J6
Elementary education, Hawaii, Nutrition education, Surveys, Teacher education, Teaching guides.
Abstract: Hawaii elementary teachers were surveyed to find out how extensively the state health instructional guide was used, what nutrition teaching techniques were employed, and what the teachers felt they still needed. This kind of information can be gathered by nutrition educators before starting to work with teachers. By knowing the training, educational background, present teaching practices, and attitudes of teachers, a more effective nutrition education program can be planned and an order of priorities worked out.

398-73

NUTRITION FOR HEAD START.

S. M. Tucker, R. L. Mason, R. E. Beuchene
Sch Lunch J 25 (7): 30-32, 36, Jul/Aug 1971.
389.0 SCH6
Cultural factors, Diet information, Dietary study methods, Food intake, Nutrient values, Nutrition, School lunch programs, Type A lunch.
Abstract: Actual food intake daily was studied in preschool children, comparing that in four Head Start Centers, all serving Type A lunches, but one offering more free choice. Nutrients provided were compared with actual intake, and also with National Research Council's Recommended Dietary Allowance.

399-73

NUTRITION FOR FOOD SERVICE WORKERS.

Instit/Vol Feeding J72 (2): 51-55, Jan 15, 1973.
TX820.I5

PAGE 34

Food intake, Food service workers, Nutrient values, Nutrients, Nutrition, Nutrition education.
Abstract: This is a little four-page inset booklet on nutrition for food service employees. It explains protein, carbohydrates, fats, minerals, vitamins, water, and calories. A chart is provided for keeping track of one's own nutrient intake.

400-73

NUTRITION FOR YOUNG MINDS.

Nancy E Johnson

In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 19-20. July 19730. 1971.

LB3479.U545 F6N

Infant diets, Malnutrition, Mental retardation.

Abstract: This paper discusses the relationship between malnutrition and the development of mental retardation in young children. Nutrition studies indicate that inadequate nutrient intakes may result in diminished brain development and a critical period exists during the first five to six months and possibly the first year of life.

401-73

FOOD, SCIENCE, AND SOCIETY.

Nutrition Foundation

New York, N.Y. 63 p. 1969.

TX341.N6 F6N

Cultural factors, Food habits, Food industry, Food supply, Food technology, Influences on nutrition, Malnutrition, Nutrition, Sociology.

Abstract: The fact that the world is faced with an ever increasing food and nutrition problem is self-evident. Year after year the population explosion increases the size and difficulty of meeting human food needs. The food supply line has not kept pace with population growth in developing countries. In spite of long-term, well-organized international efforts to bring these two factors into balance, more effective methods are urgently needed. The papers in this booklet (a record of the Nutrition Foundation's Symposium of February, 1968) deal with several important phases of this complicated problem.

402-73

FOOD CHOICES: THE TEEN-AGE GIRL.

Nutrition Foundation

Mary A Hill

New York 11 p. 1966.

TX361.344 F6N

Adolescents (12-19 years), Dietary standards, Food habits, Food selection, Health education, Nutrition education.

Abstract: This booklet for adolescent girls emphasizes that the food you eat can affect your appearance, personality, and enjoyment of life. It includes general information on nutrition and planning a well balanced diet.

403-73

YOUR DIET: HEALTH IS IN THE BALANCE.

Nutrition Foundation

Marie M Alexander, Fredrick J Stare

New York 22 p. 1966.

RM216.N6 F6N

Cholesterol, Dietary standards, Dietetics, Fats and oils, Nutrition education.

Abstract: This booklet describes the various nutrients and other constituents that must be included in a balanced diet, and the proper amounts of each. The relationships of fats, cholesterol and heart disease is also discussed.

404-73

1969-1970 REPORT.

Nutrition Foundation

New York 95 p. 4.d.

RM216.N6 F6N

Food habits, Food preferences, Malnutrition, Mental development, Nutrition, Nutrition education, Taste.

Abstract: The report includes descriptions of research conducted on the relationship between malnutrition and mental development and taste perception and food habits, as well as information about foundation activities.

405-73

OBESITY.

Nutrition Foundation

George Christakis, Robert K Pijab

New York 15 p. 1966.

RM222.2.N6 F6N

Menu planning, Obesity, Weight control.

Abstract: Obesity may result from excess fat alone or from an excess of body fluids or tissues. This booklet touches briefly on the causes of obesity and sets forth some general rules to follow in reducing excess weight in medically simple cases.

406-73

FOOD: A KEY TO BETTER HEALTH.

Nutrition Foundation

New York, N.Y. 21 p. 1970.

TX364.N6 F6N

Adolescents (12-19 years), Children, Dietary standards, Extension education, Nutrition education, Pregnant women, Teacher education, Weight control.

Abstract: This booklet for extension aides gives the basic facts of nutrition. It starts with a daily food guide picture

ing the four groups from which foods should be selected every day, and shows what quantities should be selected to make a balanced diet. The booklet goes on to list important nutrients and tell why we need them and what foods provide them. There is a section on the importance of breakfast. To help apply these facts in specific situations, there are special sections on the food needs of young children, adolescents, pregnant women, adults, and the obese.

407-73

NUTRITION IN A MATERNITY AND INFANT CARE PROJECT.

Mary Jo Mulcahy

J Nutr Educ 2 (3): 99-101. Winter 1971.

TX341.J6

Diets for special conditions, Infants (To 2 years), Nutrition education, Pregnancy diets.

Abstract: Two full-time nutritionists provide nutrition education as a part of the maternity and infant care project at the University of Nebraska Medical Center. The author describes the services available to mothers and infants. The nutritionist takes a detailed history of each mother's dietary habits and makes suggestions for dietary changes to improve nutrition, and at the same time stay within the mother's food pattern. Patient motivation becomes the most difficult task in this regard. The author shows how the nutritionist can and should work as a part of the overall medical health team.

408-73

NUTRITION IN MUSIC (AUDIOTAPE).

Margaret Gooding

Irving, Texas, Schulze Elementary School

Irving, Texas, Schulze Elementary School 1 cartridge, 30 min. 1972.

TX364.N62 F6N AV

Activity learning, Elementary education, Music, Nutrition education.

Includes booklet titled: Nutrition in music (TX364.N62). For use in audiotape cassette player.

Abstract: Here music is used as an educational tool in teaching nutrition. Songs about foods were composed and developed so that 4th, 5th, and 6th grade students at Schulze Elementary School, could sing them.

409-73

NUTRITION INSTRUCTION AND LUNCH SURVEYS WITH SECOND GRADERS.

Susan C Boysen, Richard A Ahrens

J Nutr Educ 4(4): 172-175. Fall 1972.

TX341.J6

Behavior change, Elementary education, Food habits, Nutrition education, Plate waste.

Abstract: Editor's note: This article is significant because a college senior has pulled together ideas on nutrition education and incorporated them, together with evaluation procedures, into an experimental program for second graders. The sample is small, and the changes in eating practices seem too meager for firm conclusions to be drawn. However, the article is a useful discussion of the process of education and its evaluation.

410-73

NUTRITION NOTES: CONSUMER AND FOOD INDUSTRY EQUALLY RESPONSIBLE FOR POOR NUTRITION.

Food Prod Dev 6(7): 11. Nov 1972.

HD9000.L.F64

Economic influences, Food fads, Food habits, Malnutrition.

Abstract: Malnutrition in the United States is caused primarily by poverty and secondarily by poor eating habits, often fostered by deceptive advertising. Lack of sufficient food fortification by the food industry plays a part, as does lack of nutrition education.

411-73

NUTRITION NOTES: DAIRY GROUP COMMENTS ON NUTRITIONAL LABELING GUIDELINES.

Food Prod Dev 6(5): 76. Aug/Sept 1972.

HD9000.L.F64

Blood analysis, Coronary heart disease, Labeling, Metabolism, Nutrients, Nutrition.

Abstract: This article is a collection of information on three topics. One is the National Dairy Council's comments on the proposed Federal guidelines for nutritional labeling. The second topic details the National Heart and Lung Institute's proposal for a national commission to conduct a long-term heart study. The final topic deals with the USDA Human Nutrition Research Division's finding that chromium is needed in the human body for blood sugar metabolism.

412-73

NUTRITION NOT ? IRON FORTIFICATION OF FOODS.

K M Beck

Food Prod Dev 5(6): 22. Oct 1971.

HD9000.L.F64

Dietary standards, Fortification agents, Iron.

Abstract: The high incidence of iron deficiency anemia can be mitigated by greater use of iron fortification of foods using iron compounds that have high bioavailability of the iron. This article mentions some of those compounds and some natural iron sources.

PAGE 35

413-73

413-73

NUTRITION NOTES: PROTEIN MEASURING SYSTEM PROPOSED TO SIMPLIFY NUTRITIONAL COMPARISONS.
 Food Prod Dev 61(5): 83-84, Oct 1972.
 HD9000.L.F64
 Analytical methods, Nutrient content determination, Proteins.
 Abstract: This report describes a system to measure nutritional effectiveness of proteins by relating their essential amino acid profiles to the hen white egg pattern.

414-73

NUTRITION PROGRAMS FOR SENIOR CITIZENS.
 A Hulatt, B L Heckin
 J Home Econ 63 1(9): 683-684, Dec 1971.
 321.8 J82
 Elderly (65 + years), Meal patterns, Nutrition, Nutrition education, Teaching techniques.
 Abstract: A program designed to improve nutrition of the elderly by involving them in meals, nutrition, sociability, and activities is successful in many small ways that are significant to the elderly.

415-73

NUTRITION THE 1-2-3-4 WAY.
 V Groth
 Sch Foodserv J 25 11.e.25, 81: 97-98, Oct 1971.
 389.8 SCH6
 Early childhood education, Kindergarten, Nutrition education.
 Abstract: Kindergarten children are taught the four basic food groups. The theory is to have the children become accustomed to balanced meals as early as possible, and avoid teenage apathy toward good nutrition, or even ignorance.

416-73

NUTRITION TO MEET THE HUMAN NEEDS OF OLDER AMERICANS.
 Jeanette Polcevic
 J Am Diet Assoc 50 4(1): 297-299, Apr 1972.
 389.8 AM34
 Diets for special conditions, Elderly (65 + years), Food habits, Food intake, Food programs, Meal patterns, Nutrient values, Nutrition education.
 Abstract: In reporting on meal programs for the elderly, the author notes that group meals in community settings are an effective vehicle in dealing with nutrition problems of noninstitutionalized older Americans. Programs should be located near the homes of the elderly or transportation insured; they should include a strong outreach component and provide a forum for nutrition education. It was also learned that the project meals improve the dietary intake of the participants. No hard data have been produced to verify physical improvement as a result of the nutrition program, and all benefits cannot be adequately measured in terms of dollars, but participants' actions and reactions demonstrate that the benefits are substantial.

417-73

NUTRITION-RELATED HEALTH PRACTICES AND OPINIONS.
 Joanne Pearson
 Nutr Program News 8 p. Sept/Dec 1972.
 1.982 AZN955
 Food beliefs, Food misperception, Health education, Nutrition education, Surveys, Weight control.
 Abstract: A growing public enthusiasm for health foods and related nutritional products and remedies, led to a research project in which 288 people were interviewed as to their health beliefs, and a later survey in which 2,439 adults were questioned. The following conclusions were drawn: (1) most people attributed inordinate powers to vitamins and minerals, some believing that deficiencies could cause cancer; (2) health food users doubted the healthfulness of the food supply in general and modern food processing techniques in particular; (3) half the respondents had been concerned about their weight at one time or another; (4) questionable nutrition beliefs could not be associated with any particular group of people; (5) most people do not generalize their health beliefs or support them logically; (6) many people try certain health practices because they believe anything is worth a try; and (7) most people overemphasize the relationship between an adequate diet and health, believing that if you are tired, you probably need more vitamins. The educational implications of the survey are also included.

418-73

NUTRITION, LEARNING, BEHAVIOR AND MOTIVATION.
 Karl H Brooks
 In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 67-69.
 July 18/28, 1971.
 LB3479.U5 F6M
 Behavior, Motivation, Nutrition.
 Abstract: This presentation concerns general aspects of the new science known as psychodietetics. A study on the relationship between nutrition and behavior of children carried out at Tulane University's Early Childhood Research Center is included.

419-73

NUTRITION. A PRE-CONDITION TO LEARNING.
 Helen Guthrie
 In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 63-65. July 12/24, 1971.

LB3479.U5P4 F6M

Learning, Malnutrition, Nutrition.
 Abstract: This paper discusses the relationships between nutrition and learning. Included are considerations of the effects of malnutrition on brain size, the problems of inattentiveness due to hypoglycemia and iron-deficiency anemia, and the positive effects that school breakfast and lunch programs can have in combatting the two latter conditions.

420-73

NUTRITIONAL ASPECTS OF ENGINEERED FOODS AND DELIVERY SYSTEMS IN SCHOOL FOOD SERVICE.
 Paul A LaChance
 In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 125-133.
 July 18/28, 1971.
 LB3479.U5 F6M
 Engineered foods, Food delivery systems, Nutrition education, School food service.
 Abstract: This paper discusses engineered foods, the evolving of the Recommended Dietary Allowance, the involvement of industry in the development of fortified foods, and delivery systems in school food service.

421-73

NUTRITIONAL IMPROVEMENT AND WORLD HEALTH POTENTIAL.
 Fredrick J Stare
 J Am Diet Assoc 57 1(2): 107-110, Aug 1970.
 389.8 AM34
 Calculated nutrient content, Cultural factors, Diet improvement, Food economics and consumption, Food habits, Food supply, Fortification agents, Grain products, Nutritional status.
 Abstract: Nutritional improvement of the world population demands, for the next 10 to 20 years, the following priorities: (1) improvement of the nutritional quality of the common cereals—rice, wheat, and corn, particularly via fortification with synthetic amino acids, less so by genetic manipulation; (2) improvement in the yields of these cereals by genetic change and fertilization; (3) improvement of protein quality and quantity via cereal mixtures and by fortification with fish protein concentrate. With more food—enough food to meet caloric needs for work and play—it is possible that generous consumption of mixed cereals would provide protein adequate in both quantity and quality. But, mixing cereals begins to approach the idea of formulated foods and requires the difficult and long-term task of changing food habits of many generations' standing.

422-73

NUTRITIONAL LITERACY OF HIGH SCHOOL STUDENTS.
 Johanna Dwyer, Jacob J Feldman, Jean Mayer
 J Nutr Educ 2 1(2): 59-66, Fall 1970.
 TX341.J6
 Food habits, Learning, Massachusetts, Nutrition education, Secondary education, Students, Surveys, Testing.
 Abstract: In summary, 1,388 students, representing 42 percent of all students in selected grades in five high schools in an urban area of Massachusetts were surveyed by means of self-administered questionnaires on their attitudes toward and knowledge of nutrition. The majority of the students considered nutrition to be equally or less interesting than other parts of the health education courses they had taken. Reasons for these views are summarized. Students' mean score on the test of nutrition knowledge was 55.9 out of a possible score of 100. Girls scored higher than boys and college bound students higher than commercial (vocational) students. In spite of their higher overall scores on the test and their greater interest in weight control, girls scored lower on areas of the test having to do with weight loss and gain, energy metabolism, and energy output.

423-73

NUTRITIONAL PROBLEMS AFTER FIFTY.
 Elmer L Severinghaus
 Food And Nutr News 43 1(5): 1, 4, Feb 1972.
 389.8 F7332
 Atherosclerosis, Diet improvement, Diet patterns, Elderly (65 + years), Metabolism, Middle adults (35-64 years), Nutritional status.
 Abstract: The author states that "the aging process is still very poorly understood as to its fundamental causes. Suggestions about nutritional aspects of aging must therefore be empirical rather than based on exact knowledge of physiological and biochemical mechanisms." He goes on to discuss atherosclerosis, decreased basal metabolism, vitamin and mineral requirements, osteoporosis, and the economic factors involved in solving the nutrition problems of the aged.

424-73

NUTRITIONAL REVIEW.
 Berta Friend
 Nat Food Situation 142: 25-28, Nov 1972.
 1.941 S2F73
 Dietary information, Food consumption, Nutrient values, Nutritional status, Statistical data.
 Abstract: Nutrient levels for 1973 will equal or exceed those for 1972. Ascorbic acid levels are expected to rise 2 percent because of increased consumption of fruits. A smaller increase will occur in several other nutrients because of larger supplies of cheese and meat. Nutrient levels in 1972 were slightly lower than in 1971. However, comparison of 1972 with 1967 nutrient levels reveals large increases.

PAGE 36

- 429-73
NUTRITIONAL STATUS OF NEGRO PRESCHOOL CHILDREN IN MISSISSIPPI - EVALUATION OF HEP INOX.
Mary F. Futrell, Lois T. Kilgore, Frances Windham
J Am Diet Assoc 59 (3): 218-223, Sept 1971.
389.0 AM34
Analytical methods, Dietary study methods, Dietary surveys, Hydroxyproline index, Mississippi, Negroes, Nutritional status, Preschool children (2-5 years), Urine analysis.
Abstract: Hydroxyproline index was used to evaluate the nutritional status of 139 randomly-selected preschool Negro children in Mississippi. The dependent variable, hydroxyproline, was ranked by standardized partial regression coefficient against the independent variables--hemoglobin, serum albumin, serum protein, height, weight, and dietary intake of calories, protein, calcium, iron, thiamin, riboflavin, vitamin A, and ascorbic acid. Partial regression coefficients were highly significant for the height of the child and the daily protein intake and significant for hemoglobin levels. Fifty-six per cent of the children studied had a head circumference below the 50th percentile. There was a significant correlation between head circumference and the hydroxyproline index. This study on a limited number of children is not meant to be conclusive. Further testing is warranted of the use of this index as a survey tool for identifying populations that contain children who are "at risk" nutritionally.
- 426-73
NUTRITIONAL STATUS OF NEGRO PRESCHOOL CHILDREN IN MISSISSIPPI - IMPACT OF EDUCATION AND INCOME.
Mary F. Futrell, Lois T. Kilgore, Frances Windham
J Am Diet Assoc 59 (3): 224-227, Sept 1971.
389.0 AM34
Economic influences, Educational influences, Influences on nutrition, Low income groups, Negroes, Nutritional status, Preschool children (2-5 years).
Abstract: The average daily intake of nutrients, as well as the percentage of children having "low" daily dietary intake, was calculated according to the education of the mother, education of the father, and income of the family. In general, the average daily intake of calories, protein, calcium, iron, vitamin A, and ascorbic acid paralleled the education of the mother; as the grade level increased, so did the intake of these nutrients. Of the 139 children in the sample, 126 had mothers and 67 had fathers living in the home. The average intake of nutrients or percentage of children on "low" dietary intake did not parallel the education of the father as it did the mother. The most limited nutrients in the diets were calories, ascorbic acid, calcium, and iron. The iron intake of the children was so low that all average daily intakes were below 8 mg, except when the mother had some college education.
- 427-73
NUTRITIONAL STUDIES DURING PREGNANCY: I. CHANGES IN INTAKES OF CALORIES, CARBOHYDRATE, FAT, PROTEIN, AND CALCIUM; II. DIETARY INTAKE, MATERNAL WEIGHT GAIN, AND SIZE OF INFANT.
Virginia A. Beal
J Am Diet Assoc 58 (4): 312-326, Apr 1971.
389.0 AM34
Anthropometry, Diet patterns, Dietary surveys, Food intake, Pregnancy diets.
Abstract: Nutrition histories were taken from 54 women during 95 pregnancies as part of a longitudinal study of the growth and development of their children. The subjects were white, middle-class, and primarily of northern European extraction. The nutrient content of their diets is analyzed and correlated with developments in pregnancy. Birth length was significantly correlated with maternal preconceptual weight and with weight gain in the third trimester. Smaller correlations were found between birth weight and maternal weight and weight gain.
- 428-73
NUTRITIONAL VALUE OF CASEIN AND WHEY PROTEIN.
B. J. Demott
Feed Prod Dev 6(5): 46-48, Oct 1972.
HD9000.LF64
Milk products, Nutrient content determination, Nutrient values.
Abstract: The amino acid profile of whey indicates that this cheese-making by-product might have value as a supplement or partial substitute for other proteins in feed products. Whey protein might well be substituted for some of the food casein needs.
- 429-73
NUTRITIONAL VALUE OF TURKEY PROTEIN - EFFECTS OF HEATING AND SUPPLEMENTARY VALUE FOR POOR PROTEINS.
Ellen H. Liu, S. J. Ritchey
J Am Diet Assoc 57 (6): 38-41, Jul 1970.
389.0 AM34
Analytical methods, Food analysis, Nutrient values, Poultry, Protein foods, Proteins.
Abstract: Turkey meat was heated at 163 degrees Centigrade and 228 degrees Centigrade, in an electric oven and 120 degrees Centigrade in an autoclave at 15 pounds pressure for varying times. The nutritional quality of the protein was not damaged by heating in the electric oven up to 120 minutes, as measured by weight gain, protein efficiency ratio, apparent biologic value, and percentage digestibility in growing male rats. Most parameters were lowered somewhat as time of heating increased, but the alterations were not significant, as measured by analysis of variance.
- 430-73
NUTRITIVE ANALYSIS OF FROZEN FULLY COOKED INSTITUTIONAL FOODS.
C. F. Harjea, R. J. Smith
Food Technol 24 (9): 49, 50, 52, 64, Sept 1972.
389.0 F7398
Analytical methods, Food analysis, Frozen foods, Institutional feeding, Nutrient content determination, Nutrient values, Prepared foods.
Abstract: Complete composition data on packaged portions of precooked frozen foods was not available. To enable menu planners in hospitals and nursing homes to select foods more accurately for patients' therapeutic needs, analyses of the nutritional content of a line of institutional products were made. Methods devised and apparatus selected for the various analyses are described.
- 431-73
NUTRITIVE CONTENT OF THE USUAL DIETS OF EIGHTY-TWO MEN.
Helen T. Babb
J Am Diet Assoc 61 (4): 407-415, Oct 1972.
389.0 AM34
Adults, Diet information, Diet patterns, Dietary study methods, Food analysis, Food intake, Nutrient content determination, Nutrient values.
Abstract: In this study, healthy men provided three-day dietary histories monthly for either six months or a year, from which data on nutritive intake over time was calculated. Ninety per cent or more of the subjects met or exceeded two-thirds of the Recommended Dietary Allowances for all nutrients except iron. All met 100 per cent of the iron allowance for men. Fat intake and the proportion of animal fat were less than reported by others. Sucrose provided on average of 20 per cent of the calories for men in both groups.
- 432-73
NUTRITIVE VALUE OF "ORGANICALLY GROWN" FOODS.
J Am Diet Assoc 62 (5): 501, May 1973.
389.0 AM34
Environmental factors, Nutrient content determination, Nutrient values, Organic foods.
Abstract: This editorial takes exception to those who claim that plants grown with only organic fertilizer have a greater nutrient content. Since all nutrient material must be in inorganic form in order to be absorbed by the plant, this means organic fertilizer must be broken down into inorganic components before absorption by a plant. The key to maintaining nutritive value is keeping the food fresh from harvest point to market.
- 433-73
OBESITY - NEW HAPPENINGS.
Ann M. Lawrence
Food And Nutr News 43 (8-9): 1, 4, May/June 1972.
389.0 F7332
Caloric intake, Environmental factors, Metabolism, Nutrient excesses, Obesity, Therapeutic and special diets, Weight control.
Abstract: The author discusses new research findings on obesity that have come to light since the 1950s. A metabolic and hormonal profile in obesity is described in terms of the structure of the fat cell, body insulin levels, fat synthesis and breakdown, and blood sugar regulation. Two organic contributors to obesity--endocrine imbalances and hypothalamic disturbances--are also described, as well as the contributions of culture and environment to the problem of overweight.
- 434-73
OBESITY - PART 3.
William C. Sherman
Food And Nutr News 44 (5-6): 3, Feb/Mar 1973.
389.0 F7332
Disorders of body parts and systems, Nutrient excesses, Obesity, Psychology, Weight control.
Abstract: "In addition to the inconvenience of being obese with the resulting difficulty in getting about, several types of hazards have been associated with obesity." The author goes on to discuss various disorders connected with obesity: respiratory difficulties, cardiac enlargement, altered metabolic functions, heightened susceptibility to disease and surgical complications, and mild or acute psychological disturbances.
- 435-73
OBSERVATIONS ON THE USE OF A SUPPLEMENTAL BEVERAGE.
Naomi Nolan
J Am Diet Assoc 56 (6): 529-534, Jun 1970.
389.0 AM34
Diets for special conditions, Hospital food service, Institutional feeding, Meal patterns, Psychiatric hospitals, Supplementary feedings.
Abstract: Although this is not a completely documented experimental investigation, the author has demonstrated good patient care by noting the patients who were not eating adequate amounts of food and by recording their weight. Then, she did something about it, i.e., offered a supplemental beverage, and her observations and trial program have led to a procedure which is being continued as a routine of good patient care. She also indicates that observations are more accurate than interviews in assessing food intake. Her success in obtaining the cooperation of the nursing service and dietetic interns is noteworthy, as well.

436-73

436-73

OBSERVATIONS: LET'S LOOK BEYOND NUTRITION TO IDENTIFY PROTEINS.
 Food Prod Dev 5 (5): 6. Aug/Sept 1971.
 HD9000.LF64
 Analytical methods, Food analysis, Food and Drug Administration, Food composition, Food standards and legislation, Nutrients, Proteins.
 Abstract: This editorial takes the position that the FDA must change its requirement of a single standard for both the textured form of vegetable proteins and the products formed from the spun filaments, because these materials are of different composition, functional character, and application.

437-73

OF (IRON) POTS AND PANS.
 Gerhard S Sharon
 Nutr Today 7 (2): 34-35. Mar/Apr 1972.
 RA784.48
 Cooking, Enrichment, Food and Drug Administration, Food misinformation, Iron, Nutrient values, Utensils.
 Abstract: This article argues against the FDA claim that disappearance of iron cookware from American kitchens has caused the population's iron intake to decline. The author says that: (1) Cast-iron cookware is still widely used throughout the country. (2) Proportional decline of cast-iron over other cookware is not recent but has been going on for 50 years or more. (3) The contention that cooking with cast-iron adds to the absorbable iron content of foods has never been proved. (4) Diminished use of cast-iron cannot be related to an increase of iron deficiency anemia.

438-73

NUTRITION OF A GROUP OF SCHOOL CHILDREN IN OHIO WITH IMPROVED DIETS.
 Ohio, Agricultural Experiment Station
 Mary Brown Patton
 Wooster, Ohio 64 p. 1951.
 TX361.250352 F6N (Ohio, Agricultural Experiment Station. Research bulletin 887)
 Blood analysis, Breakfast, Dietary surveys, Nutritional status, Ohio, Physical development, School children (6-11 years), School lunch programs, Supplementary feedings.
 Abstract: The effectiveness of a supplementary feeding program on general health and growth of seventy children in an Ohio elementary school was studied over a period of three years. The study was divided into three periods: In the first, existing conditions were recorded; in the second, students were given supplements of calcium, vitamin A, and vitamin C; the nutrients most often deficient in their diets. Half of the students' diets showed no overall significant change during the three periods. Among those who did show a change, the diet usually became poorer. While the percentage of children meeting the recommended allowances of vitamins A and C and thiamine increased, the percentage consuming adequate amounts of most other nutrients decreased. This was at least partly because the children, as they grew older, did not increase their food intake sufficiently to meet the higher recommended allowances. Most students met at least two-thirds of the allowances throughout the study. Students who ate school lunches were more likely to meet the allowances. Blood tests showed higher ascorbic acid values and hemoglobin levels during periods of supplements. Mean growth also increased.

439-73

NUTRITIONAL STATUS OF 9-, 10- AND 11-YEAR-OLD PUBLIC SCHOOL CHILDREN IN IOWA, KANSAS, AND OHIO: II BLOOD FINDINGS.
 Ohio, Agricultural Experiment Station
 Wooster, Ohio 63 p. 1957.
 TX361.25035 F6N (Ohio, Agricultural Experiment Station. Research bulletin 794)
 Blood analysis, Iowa, Kansas, Nutritional status, Ohio, School children (6-11 years), School lunch programs, Student participation, Surveys.
 Abstract: The present project was designed to study the nutritional status of school children using chemical measurements of blood constituents as one of the criteria. This report is intended to show the distribution of blood constituents for school children of selected ages in the three states of Iowa, Kansas and Ohio. Further correlations to show the relation of blood constituent values to dietary intake and physical measurements are planned and will be presented in another publication.

440-73

A REPORT OF OKLAHOMA FOOD HABITS SURVEY.
 Oklahoma, Dept. of Education, School Lunch Division
 Oklahoma City, Okla. 21 p. 1970.
 TX361.25037 F6N
 Food habits, Oklahoma, School children (6-11 years), School lunch programs, Surveys.
 Abstract: In 1966 and 1967 over ten thousand Oklahoma school children were asked about their food habits in an effort to determine their nutritional status. It was found that girls had a higher average nutrient intake, except for iron, and were more likely to be overweight than boys. Boys ate breakfast and school lunch more regularly, but girls were more likely to take vitamin supplements. Forty percent of all children needed more calcium, vitamin A, and vitamin C; twenty percent needed more iron. Five and six year olds had the least adequate diets, seven to nine year olds the most adequate. Low income children had the poorest diets, but middle and high

income children were only slightly better, indicating a need for better nutrition education at all economic levels.

441-73

OLYMPIC ATHLETES VIEW VITAMINS AND VICTORIES.
 E Darden
 J Home Econ 65 (2): 8-11. Feb 1973.
 321.8 J82
 Diets for athletes, Vitamins.
 Abstract: Views of American Olympic athletes concerning nutrition in relationship to maximum performance.

442-73

ON-TARGET MEALS: ACTION FOR HEALTH (FILMSTRIP); EVAPORATED MILK ASSOCIATION IN COOPERATION WITH THE AMERICAN DAIRY ASSOCIATION. MADE BY EDUCATION DIVISION, SCOTT GRAPHICS. RELEASED BY EVAPORATED MILK ASSOCIATION.
 Evaporated Milk Association
 Washington, Evaporated Milk Association 1 filmstrip, 46 Fr., 35mm, col., 1970.
 TX379.05 F6N AV
 Breakfast cereals, Evaporated foods, Food preparation, Main dishes, Meat, Menu planning, Milk products, Vegetables.
 With leaflet and leader's guide. Credits: Photography, Robert Scott.
 Abstract: Designed with inner-city home economics classes and adult groups in mind, this filmstrip presents a kaleidoscope of interesting food ideas for people on a limited budget. Liberal use of evaporated milk in cooking can provide a goodly share of a person's daily milk quota, and this theme runs throughout the filmstrip. Special emphasis is given to proper buying techniques to get the best food value for your money.

443-73

OPINIONS OF NUTRITION EDUCATION.
 Michael O'Farrell
 In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 139-143. July 18/26, 1971.
 LB3479.U5 F6N
 Nutrition education.
 Abstract: This paper presents various opinions on nutrition education as viewed by school food service personnel and school administrators and teachers which were obtained via the Nutrition Education Survey in which the author was involved. One of the significant conclusions from the survey was the feeling by teachers and principals that it is only the low-income groups who need nutrition education.

444-73

THE ORGANIC FOODS MOVEMENT.
 H S White
 Food Technol 26 (4): 29, 30, 32, 33. Apr 1972.
 389.8 F7398
 Consumer education, Food additives, Food fads, Food habits, Food industry, Organic foods.
 Abstract: This article discusses organic foods--what they are, what their proponents claim, and what the food industry should and should not do about them.

445-73

PANEL: WHERE DO I BEGIN AND WHAT DO I DO IN NUTRITION EDU.
 In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 267-275. July 12/23, 1971.
 LB3479.U5K3 F6N
 Curriculum, Nutrition education, School food service.
 Abstract: The objectives of this panel were an increased understanding of the school food service as part of the educational process and facilitative mechanisms for implementation of nutrition education in the school system.

446-73

VITAMIN C AND THE COMMON COLD.
 Linus Pauling
 San Francisco, W.H. Freeman 122 p. 1970.
 RF361.P3 F6N
 Ascorbic acid, Disease prevention, Therapeutic and special diets.
 Abstract: After carefully examining the evidence and conducting his own tests, Linus Pauling concludes that, when properly used, vitamin C is thoroughly effective in both the prevention and alleviation of the common cold and related diseases. Pauling describes a simple, inexpensive, and safe regimen for reducing the chances of catching a cold and, at the same time, maintaining better health.

447-73

THE CHEMICAL ANALYSIS OF FOODS. Sixth edition.
 David Pearson
 New York, Chemical Publishing Company, Inc. 604 p. 1115. 1971.
 TX545.P38 F6N
 Food additives, Food analysis, Food chemistry, Food composition, Food contaminants, Food standards and legislation, Manuals, Research methodology.
 Abstract: This handbook describes virtually all common foodstuffs, gives the British and American legal standards for each, and provides composition tables and laboratory methods for determining composition and detecting adulterants. It is intended primarily for the use of professional food chemists. The concluding chapter and the appendices report on recent food legislation in some detail.

- 448-73
PERSPECTIVE ON VITAMINS.
J A Barton, M Porter
Sch Lunch J 23 (3): 54. Mar 1971.
389.8 SCH6
Food composition, Vitamins.
Abstract: Chart of vitamins, why needed, and important food sources.
- 449-73
PHYSIOLOGIC CONTRL OF FOOD INTAKE.
C L Hamilton
J Am Diet Assoc 63 (1): 35-40. Jan 1973.
389.8 AM34
Food habits, Food intake, Nervous system, Physiology.
Abstract: Food intake is a variable controlled by pertinent regulatory systems of the body. Although we know that the brain controls feeding, our knowledge is incomplete. Depending on the location, lesions of the hypothalamus can increase or decrease food intake in animals. The mouth, with its built-in taste sensations, also has a role in controlling food intake, as do gastric contractions and stomach distension. A neural link between the gut and the hypothalamus has been shown. Food intake may, in addition, be controlled as part of the system of body temperature regulation, and environmental temperature can affect eating. The homeostatic theory also comes into play, i.e., that feeding is regulated to the rate of utilization and not the absolute levels of blood glucose. Then there is the lipostatic hypothesis that body weight is a regulated variable that, in turn, controls food intake.
- 450-73
POTENTIAL DIETERS: WHO ARE THEY? - ATTITUDES TOWARD BODY WEIGHT AND DIETING BEHAVIOR.
Johanna T Oyser, Jean Mayer
J Am Diet Assoc 56 (6): 510-514. Jun 1970.
389.8 AM34
Attitudes, Demography, Diet patterns, Dietary history, Dietary information, Diets, Diets for special conditions, Obesity.
Abstract: The specific objectives of this study were to find out (1) what percentage of the population consider themselves to be overweight, (2) how common dieting is within the population, and (3) what the demographic characteristics are of persons who consider themselves to be overweight.
- 451-73
PREDICTING APPLICATION OF NUTRITION EDUCATION.
Martha A Poolton
J Nutr Educ 4(3): 110-113. Summer 1972.
TX341.J6
Behavior change, Concept formation, Evaluation, Food habits, Learning, Nutrition education, Teaching methods.
Abstract: Improvements in nutritional knowledge do not necessarily result in application of the knowledge. The author of this article examines critically two "cornerstones" of many nutrition education programs--the Basic Four and the conceptual approach--in light of educational research into the learning process. She concludes that these approaches, which use nutrition information in a "final" form, lack the elements of discovery, interest, and meaning needed for long-term application of information. Suggested teaching approaches and ways of evaluating changes in attitude of students are given in the article.
- 452-73
PREFORMED VITAMIN A, CAROTENE, AND TOTAL VITAMIN A ACTIVITY IN USUAL ADULT DIETS.
Jella C Witschi, Harold B Houser, Arthur S Littell
J Am Diet Assoc 57 (1): 13-16. Jul 1970.
389.8 AM34
Adults, Carotenes, Dietary surveys, Nutrient content determination, Surveys, Vitamins.
Abstract: The usual or habitual diets of 114 men and 41 women were examined by diary recording in three studies of from six months to one year's duration. The average daily intakes of preformed vitamin A and carotenes were calculated separately and compared with levels of intake of vitamin A activity recommended by the Food and Nutrition Board and, when calculated as retinol, with the FAO/WHO recommendation. Carotenes and preformed vitamin A were found in approximately equal amounts in the foods consumed by these groups of people. Foods were classified by food groups and the amounts of the vitamin and provitamin from each group calculated. Fruits and vegetables accounted for two-fifths of the vitamin A activity and meat and fish, one-fourth, while wide variation existed in daily supplies of both preformed vitamin A and carotenes.
- 453-73
PREPARATION OF FOOD SAMPLES AND DIRECT CULTURE (MOTION PICTURE).
U.S., Public Health Service, Communicable Disease Center
Washington, National Medical Audiovisual Center 1 reel, 16mm, sd, col, 11 min. Ind. ed.
QR201.B7D4 F6M AV (Detection of Clostridium botulinum in food, part 1)
Bacteria, Botulism, Public health.
Abstract: Subject oriented more toward bacteriology. Food extract is prepared using peptin diluent. Meat-dextrose-starch medium is inoculated with the extract. The culture tubes are sealed and one is placed in boiling water, one in 80 degree water and one in 70 degree water, and all are incubated. This heat shock treatment selects spores from vegetable cells.
- 454-73
PRESCHOOL NUTRITION WORKSHOP SUMS UP RECOMMENDATIONS.
Sch Lunch J 25 (10: 24, 9): 72, 74. Oct 1970.
389.8 SCH6
Nutrition, Preschool children (2-5 years), Workshops.
Abstract: Nine major points listed by American School Food Service Association workshop group, after visiting various preschool nutrition facilities in four major cities.
- 455-73
THE PRICE OF CIVILIZATION.
Ian A H Prior
Nutr Today 6 (4): 2-11. Jul/Aug 1971.
RA784.M6
Cultural factors, Dietary surveys, Influences on nutrition, Regional surveys, Research, South Pacific.
Abstract: Pacific natives are, for the first time in their history, commencing to suffer from the same degenerative diseases that are the primary causes of death among white men. We are beginning to observe that the more an islander takes on the ways of the West the more prone he is to succumb to our degenerative diseases. For nearly eight years a group of physicians, nutritionists, sociologists, and anthropologists from New Zealand have been observing the gradual emergence of the white man's pattern of organic diseases among the Maori people. This article reports on studies made on Pukepuke and Rarotonga, and in New Zealand. The author concludes that the evidence already available lends support to the thesis that we in the so-called advanced nations must reassess very critically our use of many things which constitute our environment, and quite clearly our habits of work and diet. The quality and quantity of food, our consumption of sucrose and salt, to name but two items, must be restudied.
- 456-73
PROPER FOOD (FILMSTRIP); PRODUCED AND DISTRIBUTED BY ENCYCLOPEDIA BRITANNICA FILMS INC.
Encyclopedia Britannica Films, Inc.
Holts, N.Y., Sililion P. Gettlib 1 filmstrip, 30 Fr., al, 35mm, col, 1953.
TX364.P7 R6M AV (Health stories series)
Food habits, Nutrition education.
Abstract: Sam, a city boy with bad food habits, visits his country cousin, Tim, who has good food habits. Sam eats candy before meals and is always tired. Tim eats a balanced diet and is full of energy. Tim and Sam go fishing. Sam catches a big fish, eats it, and likes it, thereby learning that food that is good for you can taste good too.
- 457-73
PROTEIN COMPONENTS OF BLOOD AND DIETARY INTAKE OF PRESCHOOL CHILDREN.
Judith L Crumrine, Beth A Fryer
J Am Diet Assoc 57 (6): 509-512. Dec 1970.
389.8 AM34
Blood analysis, Dietary information, Food intake, Metabolism, Nutrient content determination, Preschool children (2-5 years), Proteins.
Abstract: The relationship of dietary intakes and several blood components for 40 apparently healthy preschool children were investigated. Mean daily intakes of calories and 10 nutrients from three-day dietary records for each child were calculated and presented as the 25th, 50th, and 75th percentiles and compared with the 1968 Recommended Dietary Allowances. The 25th, 50th, and 75th percentile values obtained for hemoglobin, hematocrit, total serum protein, albumin, globulin fraction, and albumin:globulin ratio were compared with levels suggested by the National Nutrition Survey and/or Interdepartmental Committee on Nutrition for National Defense. Thirty-four children had hematocrit and 37 had hemoglobin values above the acceptable level. None of the values was deficient according to the standard. Only one child was below the acceptable level for total serum protein. Correlation coefficients were computed between biochemical blood values and dietary intakes.
- 458-73
PROTEIN FOOD MIXTURE FOR IRAN - ACCEPTABILITY AND TOLERANCE IN INFANTS AND PRESCHOOL CHILDREN.
M Sadra
J Am Diet Assoc 60 (2): 131-133. Feb 1972.
389.8 AM34
Diet improvement, Infants (To 2 years), Iran, Palatability ratings, Protein-rich mixture, Proteins.
Abstract: Twenty-one children from a Tehran orphanage, six months to two years of age, were fed a Protein Food Mixture (PFM) formula based on wheat, chick peas, and split peas for 11 weeks. Tolerance to and acceptability of the product were compared with those for the ordinary food served at the institution to a similar group of children. Better weight increments, associated with larger protein and caloric intakes, were evidenced by the children who received the PFM. No undesirable symptoms appeared with the use of the PFM formula. Acceptability and tolerance of the PFM were as good as with ordinary food received by the children in the control group.
- 459-73
PROTEIN QUALITY AND PER: CONCEPTS IMPORTANT TO FUTURE FOODS.
Paul A Lachance
Food Prod Dev 5 (4): 39-42. 66. Jun/Jul 1971.
HD900D.LF64
Analytical methods, Food chemistry, Food quality, Food technol-

PAGE 39

460-73

logy, Nutrient quality determination, Proteins.
Abstract: Emphasis in food studies has shifted from caloric content to protein. The specification of protein can mean several different things. This article reviews the standards of protein quality and how they are established.

460-73

PROTEIN REQUIREMENTS OF PREADOLESCENT GIRLS.

R. P. Abernathy, S. J. Ritchey

J Home Econ 64 (2): 56-59, Feb 1972.

321.8 J62

Infants (to 2 years), Preschool children (2-5 years), Protein, Recommended Dietary Allowances, School children (6-11 years).

Abstract: The authors present a rationale for reversing the current recommended allowances for protein for preadolescents to make them higher than those for adults. The thesis is based on metabolic studies conducted since 1954.

461-73

PROTEINS AND MINERALS (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.

McGraw-Hill Films, Inc.

Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. In.d.j.

TX553.P7P7 F64 AV (Vocational Library: food management--food for health series)

Dietary standards, Minerals, Nutrition education, Protein foods, Proteins.

For use in a technicolor cassette projector.

Abstract: This film illustrates the importance of proteins and minerals in the diet. It shows the foods that are good sources of protein and minerals (calcium, iodine, phosphorus, and iron). The contribution of each mineral to bodily health is emphasized.

462-73

PSYCHOLOGIC IMPLICATIONS OF THE NUTRITIONAL NEEDS OF THE ELDERLY.

Jack Weinberg

J Am Diet Assoc 60 (4): 293-296, Apr 1972.

369.8 AM34

Communication, Diet patterns, Diets for special conditions, Elderly (65 + years), Food habits, Food intake, Nutrient values.

Abstract: Communication may certainly be defined as a process by which meanings are exchanged between individuals through a common system of symbols. Thus it is that food, though an undeniable necessity for the maintenance of biologic life, may also be utilized as a symbol for the maintenance of that which we may describe as the psychologic life of an individual. The author notes that the elderly person's search is for a nourishment which often transcends the nutritional vectors. All involved in the care of the aged must have an understanding of the latent content of their communication if we are to be of help.

463-73

PUERTO RICAN FOOD HABITS: A COLOR SLIDE SET (SLIDES).

New York State College of Human Ecology

Ithaca, Cornell University 45 slides, 2"x 2", color, 1971.

HD9018.73 F6N AV

Cookery, Cultural factors, Food habits, Foods instruction, Influences on nutrition, Nutrition education, Puerto Rican culture.

With a booklet containing notes for each slide.

Abstract: This set of slides is coordinated with the monograph "Puerto Rican Food Habits: A Socio-Cultural Approach", prepared by Olga Sanjurjo and published by the Dept. of Human Nutrition and Food, Cornell University. The monograph includes teaching aids in Spanish.

464-73

PUPPETS SELL GOOD NUTRITION.

E. Parr, J. C. Davis

Sch Lunch J 24 (7): 14-15, 18-20, Jul/Aug 1970.

369.8 SCH6

Nutrition education, School children (6-11 years), Teaching techniques.

Abstract: Description of a puppet show prepared by seven cooks of the Beaverton, Oregon schools to teach good nutrition to primary school children.

465-73

MAN AND FOOD.

Magnus Pyke

New York, McGraw-Hill 256 p. 1970.

TX355.P4 F6N

Cultural factors, Food composition, Food economics and consumption, Food habits, Food technology, History, Influences on nutrition, Malnutrition, Nutrition.

Abstract: The author discusses the chemical composition of foods, including cereals, dairy products, meat, fish, vegetables, fruits, spices, and fats, explaining also their taste, aroma, and texture. The second part of the book covers the science of nutrition. Nutrients are related to the sociology of famine and diseases of malnutrition.

466-73

RAP SESSIONS WITH DR. PERRYMAN--A DIALOGUE WITH SEMINAR PARTICIPANTS.

In Proceedings of the Southwest Region School Food Services--

Inner, Kansas State Univ., 1971 p. 60-67. July 12/23, 1971. LB3479.USK3 F6N

Community action, Education, Nutrition.

Abstract: This section of the proceedings covers a dialogue between Dr. John Perryman and seminar participants. The dialogue covered many suggestions for approaches to nutrition education and much information on approaches which had been tried.

467-73

THE REAL TALKING, SINGING, ACTION MOVIE ABOUT NUTRITION (MOTION PICTURE); BY STUDENTS OF ADAMS JUNIOR HIGH SCHOOL (MEMBERS OF THE 7TH, 8TH AND 9TH GRADES. SPONSORED BY SUNKIST GROWERS, INC.

Sunkist Growers, Inc.

Cascade, Calif., Production House 1 reel, 16mm, sd, col, 14 min. In.d.j.

TX364.R4 F6N AV

Activity learning, Citrus fruits, Food habits, Integrated curriculum, Nutrition education, Secondary education.

Includes 2 wall posters, 35 student booklet on good eating habits and a leaders guide. Credits: Director, Jim Jordan. Abstract: This motion picture portrays a Junior high school class that makes its own film about nutrition. It shows the kids selecting their own crew, writing their own script, and doing the narration themselves. The viewer sees kids talking with each other about the various aspects of nutrition and how they should be presented. Used as an introduction to a course on nutrition, this film can open up discussion on personal values, life styles, and how to better one's own nutritional state.

468-73

RECOMMENDED INTAKES OF NUTRIENTS FOR THE UNITED KINGDOM.

Dorethy F. Heilingsworth

J Am Diet Assoc 56 (3): 200-202, Mar 1970.

369.8 AM34

Dietary standards, Great Britain.

Abstract: The allowances of nutrients commonly used in the United Kingdom, those recommended in 1950 by the British Medical Association, have recently been reviewed by a panel of the Committee on Medical Aspects of Food Policy of the Department of Health and Social Security, and new recommendations have been published in a report entitled "Recommended Intakes of Nutrients for the United Kingdom". This article provides a summary of the report.

469-73

REMARKS ON THE JOULE.

Alfred E. Harper

J Am Diet Assoc 57 (5): 416-418, Nov 1970.

369.3 AM34

Biochemistry, Caloric values, Energy, Energy metabolism, Physics.

Abstract: The author explains the task of converting from the caloric measure of energy to that of the Joule--the energy measurement used internationally in the metric system. The Joule is more rational, coherent, and comprehensive than the calorie, because it is used in all branches of science, not just that of nutrition. Adopting the Joule will take the U.S. out of isolation (in terms of measurement systems) and will facilitate exchange of scientific information between peoples.

470-73

REQUIRED: A GIANT STEP IN NUTRITION EDUCATION.

N. G. Albanese

Sch Lunch J 25 (7): 106-108, 111, Jul/Aug 1971.

369.8 SCH6

Malnutrition, Nutrition education.

Abstract: Malnutrition possibly more related to lack of education than to poverty in America. Nutrition education must be increased, so that in this land of abundance, malnutrition ceases.

471-73

RESEARCH ON DIET AND BEHAVIOR.

Josef Brozek

J Am Diet Assoc 57 (4): 321-325, Oct 1972.

369.8 AM34

Behavior change, Diet patterns, Food intake, Health, Metabolism, Nutrient values, Research.

Abstract: Behavior is the resultant of a complex of organic and environmental factors. Efficient behavior, meeting adequately the demands of the work tasks at hand, is--in part--the proof of the nutritional "padding" of adequate supply and utilization of nutrients. In animal research, there is need for verification of certain observations and conclusions, for clarification of inconsistencies, which abound, and for obtaining additional information. There is also a place for a more refined, more comprehensive characterization of behavior, accompanied by a more detailed neurochemical and neurophysiologic analysis of the events taking place in organisms maintained on experimental diets and studied in the traditional (and perhaps some non-traditional) laboratory settings. In research on adult man, investigators are likely to be much less interested in the classical dietary deficiencies and their impact on "performance capacity in general," and much more concerned about diets and performance in specific work tasks and work situations of the space age.

472-73

RESPONSES OF CHILDREN WITH PHENYLKETONURIA TO DIETARY TREATMENT.

Robert J Flann, Judith A Seiberg, Linda Berud
J Am Diet Assoc 58 (1): 32-37, Jan 1971.
349.8 AM34

Amino acid metabolic disorders; Children; Phenylketonuria; Therapeutic and special diets.
Abstract: The purpose of this paper is twofold: (a) to present the different responses of children with phenylketonuria to dietary treatment, even when it is fitted to their individual needs for phenylalanine and protein as well as calories, and thereby to call renewed attention to the variables (growth, appetite, manageability, parents' cooperation, and laboratory data) that must be considered in providing each patient with the proper dietary intake; and (b) to present evidence supporting the conclusion that the prognosis of phenylketonuric children with respect to physical and mental development does not depend solely on dietary treatment.

473-73

RESPONSIBILITY OF DIETITIANS FOR PROVIDING INFORMATION ABOUT FOOD: IT'S WHOLESOMENESS AND NUTRITIONAL VALUE.

Canadian Dietetic Association; Nutrition Committee
J Can Diet Assoc 32 (2): 54-63, ref. June 1971.
389.9 C1632

Consumer education; Dietitians; Fertilizers; Food quality; Food quality; Nutrient values; Pesticides; Preservatives; Toxicants.
Abstract: Responsibilities of dietitians for consumer education and food service concerning food, nutrition, and food quality.

474-73

REVIEW OF FOOD GROUPING SYSTEMS IN NUTRITION EDUCATION.

Antti Ahlstrom, Leena Rissanen
J Nutr Educ 5(1): 13-17, Jan/Mar 1973.
TX341.J6

Cultural factors; Dietary standards; Evaluation; Food groups; Nutrition education.
Abstract: Although there are many different approaches to teaching nutrition, food grouping systems have become an almost universal tool. This article is a detailed comparison of food grouping systems in use in 47 countries. The author concludes that it is not advisable for one country to adopt uncritically a food grouping system developed for another country. Local nutritional problems, availability of foods, and food habits must be taken into account.

475-73

REVIEW OF PROTEIN AND CARBOHYDRATE METABOLISM.

G Lynn Arlsson
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 22-24, July 12/24, 1971.
LB3479.USPA F6N
Carbohydrates; Metabolism; Proteins.
Abstract: This paper presents a review of protein and carbohydrate metabolism. The Protein Efficiency Ratio and the relationship of high sugar consumption levels to certain diseases are included.

476-73

BASIC NUTRITION AND DIET THERAPY. Second edition.

Corinne M Robinson
London, The Macmillan Co., Collier-Macmillan Ltd. 351 p. 1970.
RM216.R652 F6N
Caloric modifications; Consistency modifications; Dietetics; Fat modifications; Menu planning; Nutrition; Protein modifications; Textbooks; Therapeutic and special diets.
Abstract: This textbook is directed primarily at students of practical or vocational nursing. It is intended for use in a basic course that will prepare students for applying the principles of nutrition in relatively simple situations. Prerequisite courses in chemistry and physiology are not essential. The book is organized into four units: an introduction providing an overview of nutrition; a unit on the functions, utilization, food sources, recommended allowance, common fallacies, and effects of deficiency for the essential nutrients; a unit on dietary planning; and a unit on diet therapy, providing guidelines for the most widely used modified diets. Appendices include tables of nutritive composition, food exchange lists, and recommended heights and weights; a list of reference materials; and a glossary.

477-73

MALNUTRITION - ITS CAUSATION AND CONTROL: WITH SPECIAL REFERENCE TO PROTEIN CALORIE MALNUTRITION, VOLUME 1.

John R K Robson
New York, Garden and Breach 311 p. illus. 1972.
TX353.R6 F6N

Deficiency diseases and disorders; Dietary standards; Disease prevention; Food habits; Malnutrition; Nutritional status; Protein-calorie malnutrition.
Abstract: The authors base their two-volume work on the belief that an understanding of the environment is a prerequisite for the application of knowledge to nutrition problems regardless of whether the area is in Africa, Asia, or in an inner city ghetto in the United States. One of the greatest needs is for a better understanding of the interrelationships of the various factors which influence nutritional status. Knowledge of

nutritional science will not be used effectively unless it is related to physiology, pathology, human behavior, and the many factors constituting the ecology of food and nutrition. This textbook examines some basic principles in nutrition as related to the environment: What are the manifestations of malnutrition? What is the setting? What is normal nutrition, and what nutrients does the body require to maintain health? How do we know if adequate nutrition has been achieved? How do we promote better nutrition and relieve existing malnutrition? These and other questions are discussed.

478-73

ROLES AND CHALLENGES OF SCHOOL FOOD SERVICE IN NUTRITION EDUCATION.

Thelma G Flanagan
In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 30-50, July 18/28, 1971.
LB3479.US F6N

Nutrition education; School food service.
Abstract: This keynote address deals with the roles and challenges in nutrition education. Topics covered include a brief history of regional nutrition education seminars and reasons school food service administrators should attend such seminars, the history of school lunch service and nutrition education efforts, reasons for nutrition education failures, competitive food services in schools, the passage of Public Law 91-248 and its provisions for nutrition education, synthetic and fortified foods, the establishment of the Nutrition Information Center within the National Agriculture Library, the organization of the Society for Nutrition Education, the lack of teachers skilled for nutrition education, and the challenges involved in activating a nutrition education program.

479-73

ROUND-TABLE DISCUSSION.

Nutr Today 7 (2): 9, 13-24, 30-32, Mar/Apr 1972.
RA784.N4

Breads; Enrichment; Flour; Food standards and legislation; Iron; Minerals; Nutrient values.
Abstract: This article is a transcript of a roundtable discussion in which ten nutrition experts debated the pros and cons of additional iron enrichment of bread and flour.

480-73

FOOD PHARMACOLOGY.

N Sapolska
Springfield, Ill., Charles C. Thomas 183 p. 1969.
RC143.S25 F6N
Animal sources of food; Beverages; Fish; Food additives; Food chemistry; Food contaminants; Food-related disorders; Plant sources of foods.
Abstract: This study contains details about bioactive or pharmacologically active substances present in a great number and variety of foods: chemical compounds present in food obtained from plants, land animals and marine animals, as well as food additives and food contaminants; and the harmful substances that may be present in water, soft drinks, and certain alcoholic beverages. The effects of these substances on man and animals are discussed. Tables, chemical formulae, and illustrations are provided along with a bibliography.

481-73

THE SCHOOL LUNCH - A COMPONENT OF EDUCATIONAL PROGRAMS.

Mary M Hill
Natr Program News 4 p. Nov/Dec 1969.
I.962 AZH955
Integrated curriculum; Menu planning; National School Lunch Program; Nutrition education; Recommended Dietary Allowances; School lunch; Type A lunch.
Abstract: This issue reports on the National School Lunch Program and how it has kept nutritionally in tune with the times. It is suggested that this program should be more thoroughly integrated with the rest of the curriculum and should play a more important part in education generally. Reevaluation and updating of the type A lunch pattern takes place because of changes in current nutritional goals and in popular food consumption practices. Such a reevaluation led to several menu planning recommendations that are included in this report.

482-73

AMINO ACID FORTIFICATION OF PROTEIN FOODS.

Nevin S Scrimshaw, Aaron M Altschul
Washington, D.C. 664 p. 1971.
TX349.A56 F6N
Amino acids; Conferences; Developing nations; Diet improvement; Food economics and consumption; Food technology; Fortification agents; Nutrition; Protein foods.
Abstract: The international conference on which this book is based was held at the Massachusetts Institute of Technology from September 16 to 18, 1969. The conference was designed to discuss in a comprehensive and objective manner the role of amino acid fortification in meeting world protein needs. Part One discusses background of world protein problems. Part Two describes alternate ways in which future protein needs might be met; Part Three reviews evidence from experimental studies with laboratory and farm animals and in man that deficient proteins can be improved by selective fortification with synthetic essential amino acids. In Part Four, the conference turns to difficulties of evaluating in human populations the effectiveness of nutrition intervention measures, including

403-70

amine acid fortification, and attempts to provide guidelines for doing so; Part Five deals with world status of microbiological and chemical synthesis of essential amino acids and technical feasibility of amine acid fortification of foods; Part Six presents papers and a panel discussion concerned with choice among alternate strategies for meeting the protein needs of individual countries.

403-73

SEASONAL VARIATIONS IN U.S. DIETS.

Arietta A. Boleston

Family Econ Review 25-29, Mar 1971.

A321.9 R31

Diet patterns, Food consumption, Nutrient values, Surveys. Abstract: In 1965-66, a food consumption survey was conducted in each of the four seasons to determine the variations in consumption and diet from season to season. The average daily nutritive content of individuals was compared to the total of the recommended allowances for these individuals based on age and sex. The poorest diets occur in spring when consumption of citrus and dark green and deep yellow vegetables is lowest.

404-73

THE VITAMINS: CHEMISTRY, PHYSIOLOGY, PATHOLOGY, METHODS - VOLUME V. 2d ed.

W H Sobrell, Robert S Harris

New York, Academic Press 400 p. 1972.

QP801.V554 F6N

Analytical methods, Chemistry, Deficiency diseases and disorders, Dietary standards, Physiology, Riboflavin, Thiamin, Vitamin E, Vitamins.

Abstract: This is the second edition of volume V of a multivolume treatise on vitamins. The work has been revised to integrate a vast amount of new information with previous data on vitamin functions in plants, animals, and men. It discusses the most recent findings on the chemical, biochemical, and physiological components and activities of riboflavin, thiamine, and the tocopherols and examines their chemistry, industrial production, biogenesis, biochemistry, deficiency effects, requirements, pharmacology and pathology. The book also presents several comprehensive discussions of the growth factors of vitamins - and includes bibliographic material. Other volumes in this new edition deal with methods of measurement and assay of numerous vitamins, as well as other important aspects of vitamin research.

405-73

FOOD AND NUTRITION.

William H Sobrell, James J Haggerty

New York, Time-Life Books 200 p. illus. 1967.

TX353.S6 F6N

Digestions, Food fads, Food supply, Foods, Foodways, History, Nutrient excesses, Nutrition, Vitamins.

Abstract: This book gives practical guidance about food and nutrition as well as historical background. It traces improved nutrition from prehistoric times to the present and explains the various ways men find and produce the food he eats. Food fads and how they affect food choice is also discussed, as well as the future of food production in an overpopulated world.

406-73

SELENIUM: THE MISSING LINK.

Willard A Krohl

Natr Today 5 (4): 26-32, Winter 1970.

RAT84.N6

Chemistry, Deficiency diseases and disorders, Dietary standards, Minerals, Nutrient excesses, Selenium, Toxicity, Trace elements.

Abstract: The ratio between a beneficial dose and a toxic dose of selenium is about 100:1. While excesses can cause the "blind staggers" in livestock, deficiencies can cause white muscle disease. The chemical, geological, as well as nutritional aspects of this paradoxical element are investigated in this article. The author concludes that: "An overall evaluation of the role of selenium in nutrition, considering both its harmful and beneficial effects, would seem to weigh heavily in favor of the beneficial aspects of selenium in nutrition generally, particularly in the area of animal husbandry."

407-73

SENSE AND NONSENSE ABOUT HEALTH FOODS.

E Dorden

J Home Econ 64 (7): 4-8, ref. Dec 1972.

J21.B J62

Food fads, Food misinformation, Health education.

Abstract: Facts about food given along with the foodists' claims.

408-73

SENSIBLE NUTRITION.

Joan Coul

In Proceedings of the Southwest Region School Food Service Conference, Kansas State Univ., 1971 p 216-220. July 12/23, 1971. LB3479.USK3 F6N

Flavor, Food selection, Nutrition, Tests.

Abstract: This paper presents an outline for sensible nutrition. Major areas of the outline cover the sight, feeling, taste, smell, and flavor of foods and the ways these factors affect the acceptance of foods.

409-73

SENSORY GOOD TASTE.

Mason L Hirsch

Food Prod Dev 5 (6): 27-29, Oct 1971.

M04000.1.F64

Interviews, Palatability ratings, Psychology, Taste panels, Testing.

Abstract: The author touches on some of the variables involved in sensory evaluation of food, and concludes that "sensory evaluation, expertly conceived and executed, is an invaluable tool for food scientists." So-called "taste panels" however incompetently handled, are potentially dynamic and should be avoided.

409-73

SERUM CHOLESTEROL FROM PRE-ADOLESCENCE THROUGH YOUNG ADULTHOOD.

Eleanor Wein, Ethelwyn B Wilcox

J Am Diet Assoc 61 (2): 155-158, Aug 1972.

309.8 AR34

Adolescents (12-19 years), Blood analysis, Cholesterol, Diet information, Fatty acids, Food intake, Lipids, School children (6-11 years), Young adults (20-34 years).

Abstract: Follow-up data on 86 young adults, ages 19 through 22, who had previously served as subjects during preadolescence were obtained on: hemoglobin, serum cholesterol, dietary intake, and body weight. Serum cholesterol values for most individuals remained similar over the entire 13-year span of the study, although actual values varied greatly by individual. Through adolescence, obese girls had the highest mean serum cholesterol, but obese men had the highest values in young adulthood. Obesity increased gradually up to mid-adolescence, then decreased in young adulthood. Poor diets were much more prevalent among young women than the men. Thirty-six per cent had diets high in animal fats, with a larger proportion of men than women reporting high and adequate intakes.

401-73

SHOPPING PRACTICES OF LOW-INCOME GROUPS FOR CONVENIENCE FOODS.

Nicola A Szeano

J Nutr Educ 3 (1): 20-32, Summer 1971.

TX341.J6

Convenience foods, Dietary surveys, Extension education, Food habits, Home economics education, Low income groups, Nutrition education.

Abstract: This survey studies the popularity of convenience foods among low-income families. Main dish convenience foods were relatively unpopular, while processed vegetables were widely used. Accordingly, it is suggested that educational programs for low-income homesteaders shift their emphasis away from home canning and preservation lessons and towards meat buying and cooking. In the area of commercial food processing it is recommended that popular snack foods be fortified in an effort to raise nutritional levels of families, particularly low-income families.

402-73

SOCIO-CULTURAL BASIS OF FOOD HABITS.

Miriam E Lowenberg

Food Technol 24 (7): 27-30, 32, Jul 1970.

309.8 F7395

Cultural factors, Food beliefs, Food habits, Food symbolism, Food taboos, Influences on nutrition.

Abstract: The ability to understand the cultural significance of food habits within a group is important in trying to improve the diets of various peoples. Also, it is necessary to overcome the feeling that unfamiliar foods are suspect. Cultural patterns influencing production, preparation and consumption of foods are discussed and recommendations for changing food patterns given.

403-73

SOCIO-CULTURE ASPECTS OF FOOD AND EATING -- A SOCIAL SCIENTIST'S APPROACH (WITH GROUP DISCUSSIONS).

Barbara Kiser

In Proceedings of the Southwest Region School Food Service Conference, Kansas State Univ., 1971 p 176-190. July 12/23, 1971. LB3479.USK3 F6N

Food habits.

Abstract: This paper discusses food and eating from a socio-cultural point of view. Culture, subculture and individual culture are considered in relation to food. The assimilation of foreign foods into the U.S. diet is discussed. Information concerning food procurement, food storage and preservation, and food preparation, distribution and consumption derived from a study of 150 Negro and Caucasian households is presented.

404-73

SOME ASPECTS OF PROTEIN NUTRITION.

National Dairy Council

Dairy Counc Dig 43 (6): 31-34, Nov/Dec 1972.

309.8 D14

Milk, Nitrogen compounds, Proteins, Recommended Dietary Allowances.

Extract: Milk protein follows closely behind egg protein in terms of high biological value. Of the milk proteins, casein is frequently used as a reference or standard protein to which other proteins of lesser biological value are compared. Although present in smaller amounts, lactalbumin in milk is superior to casein. The plant proteins such as soybean, wheat, corn, and rice proteins, due to a limitation of one or more of the

essential amino acids, are proteins of inferior quality compared with milk protein. However, attempts are being made to improve the quality of plant proteins by mutual supplementation of proteins, protein supplementation with synthetic amino acids, and genetic improvement of crops. The importance of utilization of nonprotein nitrogen in normal nutrition is suggested and its practical application in patients with kidney disease is described. A discussion of the recommended dietary allowance for protein is included. (MDC).

495-73

SOME FACTORS FOR REFUSAL TO PARTICIPATE IN NUTRITION SURVEY.
Patrick M Morgan
J Nutr Educ 2 (3): 103-105, Winter 1971.
TX341.J6

Dietary Information, Dietary study methods, Dietary surveys, Interview design, National surveys, Regional surveys, Research methodology.

Abstract: This article describes a study that was done to determine the causes of poor participation in a nutrition/health survey in a large city in Louisiana, and to determine whether a professionally trained interviewer could be more successful than a less skilled interviewer in increasing active participation. Results from the first survey were used in an attempt to improve the participation in the second survey, and the attendance for both was compared.

496-73

SOME INTERACTIONS BETWEEN NUTRITION AND STRESS.
National Dairy Council
Dairy Counc Dig 42 (3): 13-16, May/June 1971.
389.8 D14

Disorders of body parts and systems, Environmental factors, Nutrition, Psychology, Stress.

Extract: Hormones interact with nutrients in enabling the body to adjust to environmental stress. Recent research has emphasized differences in the pattern of adaptation to different types of stress, as well as marked differences from person to person. The effect of psychologic stress depends upon the individual's perception of the stress situation and genetic factors affecting the susceptibility of various body organs and systems. Some studies indicate that psychologic stress may increase susceptibility to heart disease in certain individuals because of its effect on metabolic pathways. Extremes of heat, cold, and altitude are examples of physical stresses in which the body must make adjustments to maintain body temperature, oxygen supply, and other parameters of homeostasis. Studies have shown the importance of nutrition in the adaptation to climatic stress. (MDC).

497-73

SOME THOUGHTS ON FOOD AND CANCER.
Lauran V Ackerman
Nutr Today 7 (1): 2-9, Jan/Feb 1972.
RA784.N6

Cancer, Cultural factors, Diet patterns, Disease prevention, Environmental factors, Food beliefs, Food habits, Food intake, Foodways.

Abstract: The food we eat is a decisive environmental factor in certain types of cancer. The dietary habits of patients are known in certain specific types of cancer: cancer - esophageal and stomach cancer and gastrointestinal cancers generally. The author notes the dietary habits and food beliefs of various populations around the world, along with incidence of cancer, and concludes that "it is possible that nutritional changes could be made which would theoretically eliminate a certain form of the disease."

498-73

MALNUTRITION AND INTESTINAL PARASITES: AN INSTRUCTIONAL GUIDE FOR CONTROL AND ERADICATION.
South Carolina, University, Malnutrition And Parasite Project
Bettye V Dudley
Columbia, S.C. 88 p. 1972.
RC119.7.S6 F6N

Deficiency diseases and disorders, Health education, Low income groups, Malnutrition, Nutrition education, Parasites, Parasitic infections, Resource guides, Sanitation.
Extract: A prime objective of this training program will be to educate the general populace as to the fundamental requirements for personal hygiene, health, and basic nutrition to overcome socio-economically deprived backgrounds and to progress toward the achievement of adequate nutrition and the elimination of intestinal parasites. Educational tools developed over the past two years are now available for those who will teach and/or train formerly disadvantaged citizens so that they may formulate good patterns and habits in their purchase of foods and fully realize the importance of food in growth, personality, and general health.

499-73

INNOVATIVE APPROACHES TO NUTRITION EDUCATION AND RELATED MANAGEMENT PROCESSES: PROCEEDINGS.
Southwest Region School Food Service Seminar, Kansas State University, 1971
Allene G Vaden
Manhattan, Kan. 363 p. 1971.
L83479.U5K3 F6N

Decision making, Food habits, Inservice education, Integrated curriculum, Nutrition education, Proceedings, School community relations, School food service, Seminars.
Extract: The objectives of the seminar were: to create an

awareness of current trends and a desire for further knowledge in nutrition among school food service supervisory personnel; to stimulate an interest in effective techniques that will cause behavioral changes in the nutrition of children; to utilize innovative instructional tools, methods, and media for effective school nutrition programs; to make supervisors aware of the potential value and the necessity of training school food service personnel in nutrition education; and to encourage coordination between ongoing education processes in the classroom and the child nutrition programs.

500-73

SPOT VITAMIN A WITH COLOR CLUES.
G Anderson
Sch Foodserv J 27 (4): 65, Apr 1973.
389.8 SCH6
Nutrient values, Nutrition education, Vitamin A.
Abstract: Spot vitamin A by the color of the food you eat--yellow! carrots, corn, butter, egg yolks, cheese, all yellow, all carrying vitamin A.

501-73

STATUS AND ACHIEVEMENTS OF THE EXPANDED FOOD & NUTRITION EDUCATION PROGRAM.

Robert E Frye
Marketing And Transport Sit MTS-179: 21-27, Nov 1970.
1.941 M8M34

Behavior change, Food habits, Low income groups, Nutrition education.

Abstract: The primary objective of the Expanded Food and Nutrition Education Program is to help low-income families acquire the knowledge, skills and changed behavior necessary to achieve more adequate diets. At the end of June 1970, over 7,000 nonprofessional aides were working with 237,000 families. Since the beginning of the program about 348,000 families representing an estimated 1.7 million persons have been enrolled in the program. Progress is reflected both in level of nutrition knowledge and food consumption practices. Food readings taken of homemakers in the program show that the proportion of homemakers with a minimum adequate level of consumption rose from an initial 9 percent to 16 percent after 6 months and 19 percent after 12 months. The proportion of homemakers consuming one or more servings in each of the 4 basic food groups rose from an initial 56 percent to 69 percent after 6 months and to 74 percent after 12 months.

502-73

THE STATUS OF NUTRITION IN THE UNITED STATES: FIRST OF A SERIES: NUTRITION FOR FOOD EXECUTIVES.

M J Bebeck
Food Prod Dev 6(4): 56-67, 96, Jun/Jul 1972.
HD900D.L.F64

Clinical diagnosis, Dietary study methods, Dietary surveys, Food consumption, Measurement, Nutritional deficiencies, Nutritional status, Research methodology.

Abstract: The accuracy of an evaluation of nutritional status depends at least partly on the methods used to make the evaluation. Three types of data are useful: food consumption, chemical analysis of body fluids, and physical examination. This article describes the method used in each case and outlines the significant data obtained from recent surveys of American nutritional status. The author concludes that "there is no formula for calculating nutritional status. One can only try to consolidate the masses of data into an overall picture and judge it for himself." Nevertheless, he finds considerable evidence of a nutritional problem in the United States. A chart illustrates the most common deficiencies and the population groups most likely to have these deficiencies.

503-73

INTRODUCTION TO FOODS AND NUTRITION.

Gladys T Stevenson, Cora Miller
New York, John Wiley & Sons 517 p. 1967.
TH353.S82 F6N

Consumer education, Food preparation, Food purchasing, Foods instruction, Menu planning, Nutrition education, Textbooks.
Abstract: This textbook is a one-semester course at the college level. The subject of nutrition is combined with that of food preparation and meal management for application of facts learned. Material contained in the text includes (1) basic background on nutrients and nutritional needs; (2) food preparation techniques; (3) specific food categories; (4) shopping and meal management; (5) consumer protection.

504-73

SLIM CHANCE IN A FAT WORLD: BEHAVIORAL CONTROL OF OBESITY.

Richard B Stuart, Barbara Davis
Champaign, Ill., Research Press 245 p. illus. 1972.
RM222.2.S8 F6N

Behavior change, Obesity, Weight control.
Abstract: This book, written for the layman, recommends the use of a combination of diet, exercise, and behavior modification for individuals seeking to control their weight. The opening chapter presents a general review of obesity, including the magnitude of the problem, its definition, etiology and diagnosis, and some of the characteristics of groups at high risk of obesity. The authors then elaborate on each of the three components of their suggested treatment plan. A discussion of the behavioral psychology of eating serves as the basis for a presentation of recently developed modification techniques. The authors go on to discuss basic nutrition and the general principles and techniques involved in the sound diet-

505-73

ery management of weight control. The third area presented is energy expenditure and foodification. Suggestions for an exercise program follow a discussion of the role of physical activity as a factor in general health and weight control.

505-73

A STUDY OF THE NEED FOR DIETARY COUNSELLING SERVICES FOR THE PHYSICIAN.

D M Baxter, G M Beaton, M A Bedley
J Can Diet Assoc 31 (3): 163-169, Sept 1970.
389.9 C1632

Diet counselling, Diets, Physicians, Therapeutic diets.
Abstract: Examination of physicians' present practices in use of therapeutic diets, and potential role of dietary counselling services for Ontario's physicians.

506-73

SUPPLEMENTAL PROTEIN: DOES THE U.S. DIET REALLY NEED IT?

Paul A Lachance
Food Prod Dev 6(5): 35-37, 70, Aug/Sept 1972.
HD9000.1.F64

Diet patterns, Food habits, Fortified foods, Nutrient excesses, Nutritional status, Protein malnutrition, Proteins, United States.
Abstract: The author advances the opinion that the prevalent opinion that there is a protein crisis in the United States (as well as in developing countries) may be causing physiological damage to the U.S. population by fostering excessively high protein diets. The author outlines the present-day U.S. protein status and discusses nutritional diseases of protein excess. He differentiates between various kinds of protein and points out the relationship of protein-rich diets to optimal physical growth rates. The article calls for a balanced protein intake as a dietary goal for the U.S. population.

507-73

SURVEY OF NUTRITION KNOWLEDGE AS A PART OF NUTRITION EDUCATION.

Conek Ademec
J Nutr Educ 4(3): 108-110, Summer 1972.
TX341.J6

Behavior change, Czechoslovakia, Extension education, Food beliefs, Food misinformation, Learning, Nutrition education, Surveys, Teaching methods.
Abstract: Surveys of nutrition knowledge have been made before and after each annual national nutrition education campaign in Czechoslovakia. The surveys, which are used as an integral part of the campaign as well as means of evaluating the campaign, have revealed hidden gaps in nutrition knowledge, have helped focus campaign activities, have been used as a motivational factor, and can stimulate self reflection and enhanced perception of nutrition information.

508-73

SUSTAINED BEHAVIORAL CHANGE.

Edward W Gassler, J M Jones
J Nutr Educ 4 (1): 19-22, Winter 1972.
TX341.J6

Food habits, Influences on nutrition, Louisiana, Nutrition education, Resistance to change, Surveys.
Abstract: A follow-up survey of the participants in a Louisiana nutrition education program showed that the percentage of individuals with minimum adequate diets four months after the program was the same as before the program began, although there were some definite positive changes both in knowledge levels and in the practice of nutrition. The authors conclude that "perhaps eight weeks is only long enough time to tell them. It may take a longer period to teach them."

509-73

T.L.C. AND THE HUNGRY CHILD.

Charles F Whitten
Nutr Today 7 (1): 10-14, Jan/Feb 1972.
R474.N8

Child rearing practices, Deficiency diseases and disorders, Environmental factors, Food intake, Hunger, Physical development, Starvation.
Abstract: The child who is unloved by its mother may occasionally grow normally, but if inadequate feeding is part of the external deprivation, the consequences for the child's physical development may be disastrous. The author details a number of studies all pointing to this same conclusion. Mothers who deprive their children of food are rarely underfed themselves and claim that their children "eat like horses." The children's ravenous appetites are due to the continued deprivation and persistent hunger that is never satisfied. When placed in controlled hospital situations and given adequate food, the voracious craving stops, whether or not the hospital staff has been attentive and emotionally supportive to the children. The author warns that once food deprivation has been diagnosed and cured, it should not be assumed that the quality of mothering has also improved.

510-73

TABLES OF FOOD COMPOSITION: SCOPE AND NEEDED RESEARCH.

Bernice K Watt, Elizabeth W Murphy
Food Technol 24 (6): 50-52, 54, 56-60, June 1970.
389.8 F7398

Analytical methods, Ethnic foods, Food composition tables, New products, Nutrient content determination, Nutrient values, Synthetic foods.
Abstract: Discusses the development of USDA tables of nutrient

composition of foods, and details current gaps in knowledge regarding nutritional values of ethnic foods, new food products, and natural and added nutritional components of various foods. Problems in evaluating nutritional data are also discussed. Readers are urged to make available data on yields and composition of foods—which they may have in their files—so that USDA may expand and improve tables of nutrient composition of foods.

511-73

UNDERSTANDING FOOD: THE CHEMISTRY OF NUTRITION.

Seulah Tennenbaum, Myra Stillman
New York, McGraw-Hill 206 p. illus. 1962.
TX543.T3 F6N

Body composition, Caloric values, Elementary education, Food fads, Food supply, Food technology, Nutrition education.
Abstract: This book is an introduction for high school students to the biochemical nature of life. Calories, proteins, minerals, and vitamins are discussed at length by the authors, and they also explain the chemical reactions by which these foods become a part of the human body. Some of the personal implications of the science of nutrition are examined. While the book has fun with some of the food fancies of the past, it explodes some modern non-scientific and often dangerous food fads. The knowledge of body chemistry and diet discovered by pioneer scientists such as Lavoisier, Perutz, Kendrew, and others are described. Nutrition charts, height and weight tables, and experiments are also included.

512-73

TASTE SENSITIVITY AND FOOD AVERSIONS OF TEENAGERS.

S J Jefferson, A M Erdman
J Home Econ 62 (8): 605-606, Ref. Oct 1970.
321.8 J82

Adolescents (12-19 years), Food dislikes, Palatability ratings, Taste sensitivity, Taste threshold.
Abstract: Boys and girls, 13- and 14-years old, showed no clear association between the taste sensitivities and food acceptance. Significant correlation was found between a low threshold for PTC and percentage disliked discriminating foods. For this group of youngsters taste sensitivity appears to be a significant factor in food acceptance.

513-73

TEACHER, THERE'S AN EGGPLANT IN THE CLASSROOM.

J F Parham
Sch Lunch J 25 (1): 62, 64, Jan 1971.
389.8 SCH6

Learning, Nutrition, Nutrition education, School children (6-11 years), Teaching, Vegetables.
Abstract: Course for teachers and food service managers covering: nutrition and its involvement with health; recognition of nutrition problems; acquaintance with community services and those working to improve nutrition; interpreting nutritional needs to parents, students and others; development of practical nutrition education into the whole school program.

514-73

TEEN-AGE FOOD HABITS - A MULTIDIMENSIONAL ANALYSIS.

Bernice Chese Schorr, Olga Sanjurjo, Eugene C Erickson
J Am Diet Assoc 61 (4): 415-420, Oct 1972.
389.8 AM34

Adolescents (12-19 years), Cultural factors, Food habits, Food intake, Food preferences.
Abstract: Factors affecting food habits of adolescents were studied, including food preferences, nutritive intake, and life-style parameters. The complexity of the teen-ager's diet is shown to be related to his family's life-style, i.e., father's income, mother's education, his social participation, and part-time employment. Dietary complexity increased as intakes of calcium, iron, ascorbic acid, and vitamin A rose.

515-73

THE TEENAGE OBESITY PROBLEM - WHY? - PART TWO.

Penelope S Peckos
Food And Nutr News 42 (5-6): 1, 4, Feb/Mar 1971.
389.8 F7332

Adolescents (12-19 years), Diet counselling, Diet improvement, Nutrient excesses, Nutrition education, Obesity, Psychology, Therapeutic and special diets, Weight control.
Abstract: This is part 2 of a 2-part article begun in the December-January issue. The author describes a successful summer camp program for teenagers who are obese and want to lose weight. The regimen includes diet, nutrition education, and psychological counselling. Specific exercise periods were purposely omitted from the schedule because, in our culture, physical exercise is unnecessary, which makes exercising unstable as a continuing tool for weight control.

516-73

THE TEENAGE OBESITY PROBLEM - WHY? - PART 1.

Penelope S Peckos
Food And Nutr News 42 (3-4): 1, 4, Dec/Jan 1971.
389.8 F7332

Adolescents (12-19 years), Cultural factors, Diet improvement, Nutrient excesses, Obesity, Psychology, Weight control.
Abstract: There is no effective therapy for the treatment of adolescent obesity, even though the condition is rampant in our society. If our present-day life-style (with more and varied foods available and less physical exercise being done) continues, the incidence of teenage obesity is bound to increase. The author points out the hazards of obesity to the teen-

ager's physical and mental health, and goes on to recommend areas of treatment that can be effective in attaining weight loss and making concomitant gains in self-respect. This is part 1 of a 2-part article.

517-73

TEENAGERS AND FOOD: THEIR EATING HABITS.

J. R. Wyman

Food Nutr. 2 (1): 3. Feb 1972.

TX341.F615

Adolescents (12-17 years); Cholesterol; Fats and oils; Food habits; Malnutrition.

Abstract: Food habits of teenagers are poor. Their diets are often unbalanced, and they frequently have high cholesterol readings. They are uninformed about nutrition.

518-73

NUTRITIONAL KNOWLEDGE AND CONSUMER USE OF DAIRY PRODUCTS IN URBAN AREAS OF THE SOUTH.

Texas, Agricultural Experiment Station

College Station, Tex. 48 p. 1965.

TX377.A35 F6N [Texas, Agricultural Experiment Station. Southern cooperative series bulletin no. 87]

Food consumption; Influences on nutrition; Milk products; Nutrition education; Regional surveys.

Abstract: A study was made of food-buying and use decisions of urban homemakers in the South. The survey included 4,598 white and 1,873 Negro families living in 110 cities of six southern states: Alabama, Kentucky, Mississippi, Tennessee, Texas and Virginia. One or more dairy products had been used by 98 percent of the white families and 90 percent of the Negro families at some time during the 7 days before the interview. White families used on average of 4.9 quarts of whole milk equivalent per capita for the 7-day study period. Negro families used 3.3 quarts per capita. General but nonspecific knowledge about dairy products is fair in the South. The homemakers' knowledge about the nutritional value of foods varies considerably. Many who have accurate information do not know how, or are not willing, to apply it. Many factors besides nutritional knowledge are related to the per capita consumption of dairy products. Some characteristics associated with the homemakers' use of dairy products include per capita income, size of household, per capita real cost, education and age of the homemaker.

519-73

FOOD USE AND POTENTIAL NUTRITIONAL LEVEL OF 1,225 TEXAS FAMILIES.

Texas A & M University, Agricultural Experiment Station

Alice Stubbs

College Station, Tex. 38 p. 1965.

TX360.U774 F6N

Food economics and consumption; Food intake; Influences on nutrition; Nutritional surveys; Recall; Texas.

Abstract: In order to take a closer look at current food use patterns, 1,314 families in Texas were randomly selected for recall interviews. The homemaker in each family was asked to remember the kinds and amounts of foods used by her family during the 7 days immediately preceding the interview. Based on foods used, the potential level of nutrition of families in Texas is good. Those families most likely to be deficient in any nutrient have teenage children. This is especially true for low income families with teenagers, but it was evident at all income levels. Of the eight nutrients studied, calcium, thiamine and vitamin C are most likely to be in deficient quantity. Specific significant patterns in food usage were noted. White families reported using almost twice as much dairy products in pounds per person as Negro families. White rural families used more dairy products per person than white urban families. Rural white families of adults only reported the highest pound per person use of dairy products.

520-73

TEXTURED VEGETABLE PROTEIN (TVP).

Robert M. Terrell, Ted Budz

In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 153-154. July 18/28, 1971.

LB3479.U5 F6N

Dietetics; Nutrition; Textured vegetable proteins.

Abstract: This paper discusses the assets of TVP (Textured Vegetable Protein) for the modern diet.

521-73

TEXTURED VEGETABLE PROTEIN...SOLUTION TO INSTITUTIONAL DIETARY PROBLEMS?

H. Senstadt

Cooking for Profit 41 (255): 21-26, 26, 39. Mar 1972.

TX901.C6

Cholesterol-low diets; Costs; Diet improvement; Food service; Hospital food service; Institutional feeding; Textured vegetable proteins.

Abstract: Food service department of Lynchburg Training School and Hospital, caring for 3,500 mentally retarded patients, uses textured vegetable protein products at the rate of 10,000 pounds per month. Use of textured vegetable proteins is responsible for a 30% savings in purchase of protein foods. These foods also play an important role in the dietary needs of patients, providing amino acids equal to that of animal proteins, but containing no cholesterol.

522-73

NUTRITION AND INTELLECTUAL GROWTH IN CHILDREN.

The Association for Childhood Education International

Washington, D.C. 63 p. 1969.

RJ206.A8 F6N

Children; Learning; Malnutrition; Medical services; Mental development; Nutrition; Pregnancy diets; School lunch programs.

Abstract: This collection of articles delineates the causes, manifestations, and possible solutions to the problem of malnutrition in children throughout the world. Topics include maternal diet and its effects, learning problems, medical care, role of the school in providing adequate nutrition, conservation of resources, and prospects for the future.

523-73

THIAMIN AND RIBOFLAVIN IN COOKED AND FROZEN, REHEATED TURKEY - GAS VS. MICROWAVE OVENS.

Jane A. Bowers, Beth A. Fryer

J Am Diet Assoc 60 (5): 399-401. May 1972.

389.8 AH34

Analytical methods; Fats and oils; Food analysis; Frozen foods; Nutrient content determination; Poultry; Prepared foods; Riboflavin; Thiamin.

Abstract: Thiamin, riboflavin, moisture, and fat were determined for samples from 12 paired turkey pectoralis major muscles. Microwave or gas ovens were used in the treatments, in which muscles were: (a) cooked; (b) cooked, reheated after one day of refrigerated storage; (c) cooked, frozen; or (d) cooked, frozen, reheated. Type of oven had no significant effect on thiamin content. Muscle held one day at refrigerator temperature and reheated was higher in thiamin than was muscle subjected to the other treatments. Muscle heated by gas had more riboflavin than did muscle heated by microwave. All factors, except moisture, were affected significantly by bird. Variation was greater among birds than between ovens or among treatments.

524-73

THIAMIN CONTENT AND RETENTION IN VENISON.

Louise Guild, Rene Raines

J Am Diet Assoc 60 (1): 42-44. Jan 1972.

389.8 AH34

Meat; Nutrient values; Thiamin; Venison.

Abstract: Venison appears to contribute about one and one-half times as much thiamin as lamb, twice as much as veal, four times as much as beef, and from one-fourth to one-third as much as pork. Determination of thiamin in a limited number of samples of venison indicated that the average content in raw loin and rib chops and in sirloin tip was approximately 0.27 mg. per 100 gm. The average contribution from 100 gm. braised loin or rib chop and roasted round was about 0.21 mg. Retention of thiamin during braising was about two-thirds of the original amount for loin chops, but only a little over half for a thinner rib chop. Weight loss during braising was one-fifth to one-fourth of the raw weight.

525-73

THIAMINE AND RIBOFLAVIN RETENTION IN COOKED VARIETY MEATS.

Isabel Noble

J Am Diet Assoc 56 (3): 225-228. Mar 1970.

389.8 AH34

Braising; Cooking methods; Food yields; Meat; Nutrient retention; Riboflavin; Thiamin.

Abstract: Thiamin, riboflavin, fat, and moisture contents of calf sweetbreads, beef kidney, and lamb and pork heart were determined before and after cooking by braising and by simmering. The braised meats as a group retained a larger proportion than did the simmered meats of the thiamin, but not of the riboflavin. The kind of meat also made a significant difference in the average amount of thiamin and riboflavin retained. Thus, sweetbreads retained the largest percentage of thiamin (60 per cent--the average retention in braised and simmered) and beef, veal, and pork heart the lowest (average, 29 per cent). Veal, beef, lamb, and pork hearts, on the other hand, retained the highest percentage of riboflavin (average, 75 per cent) and beef kidney the lowest (55 per cent). The loss in weight of the various meats during braising averaged 46 per cent and during simmering 40 per cent.

526-73

TIME-TEMPERATURE AND TIME-WEIGHT LOSSES IN VEAL ROASTS.

Martha A. Davis, Kaye Funk, Mary E. Zabrick

J Am Diet Assoc 62 (3): 166-170. Feb 1973.

389.8 AH34

Cooking; Environmental factors; Food analysis; Meat; Roasting.

Abstract: In this study boneless top round, bottom round, sirloin, and bone-in rib veal roasts were cooked to an internal temperature of 77 degrees C. in a 149 degree C. oven. Boneless roasts lost about 3 per cent of their weight during defrosting; bone-in roasts, about 1 per cent. Ranked in order of increasing cooking times were: bottom round, rib, sirloin, and top round. Total cooking losses averaged 27.3 per cent for boneless roasts, 20.2 per cent for rib roasts. Volatile losses accounted for most of the losses. Cooked samples contained approximately 65 per cent moisture and 3 per cent fat.

527-73

TOCOPHEROLS AND FATTY ACIDS IN AMERICAN DIETS - THE RECOMMENDED ALLOWANCE FOR VITAMIN E.

John G. Blar, Ritve Poukka Everts

J Am Diet Assoc 62 (3): 147-151. Feb 1973.

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PAGE 45

928-73

389.8 A434

Diet patterns, Food analysis, Food habits, Food intake, Lipids, United States, Vitamin E, Vitamins.
 Abstract: Analyses were made of representative breakfasts, lunches, and dinners, ranging from 1,900 to 3,300 kcal daily, for their contents of alpha-, gamma-, and delta-tocopherols and their fatty acids. Daily intakes of alpha-tocopherol ranged from 4.4 to 12.7 mg., with an average of 9.0 mg. (13.5 I.U.). Content of gamma-tocopherol was two and a half times that of alpha-tocopherol, and delta-tocopherol was about equal to alpha-tocopherol. Polyunsaturated fatty acids ranged from 12.7 to 31.2 gm. daily, with an average of 21.2 gm. The current adult recommended allowance for vitamin E (25 to 30 I.U.) would, therefore, appear too high. Contribution of gamma-tocopherol to total vitamin E activity in U.S. foods should be considered and the recommended allowance be made more explicit on the permissible variation of intake.

528-73

FOODS FOR TEACHING FOOD NEEDS.

R Levarton

J Home Econ 65 (1): 37-39, Jan 1973.

321.8 J82

Nutrient values, Teaching aids, Teaching guides.

Abstract: Basic food groups are still the foundation for a daily food guide. Convenience foods, even with additives, do not necessarily replace traditional food.

529-73

TRACE MINERALS IN TYPE A SCHOOL LUNCHEES.

Elizabeth M Murphy, Louise Page, Bernice K Watt
J Am Diet Assoc 53 (2): 115-122, Feb 1971.

389.8 A434

Minerals, Nutrient content determination, Trace elements, Type A lunch.

Abstract: Laboratory analyses were made for the content of nine trace mineral elements in type A school lunches as served to sixth graders in 300 schools in the U.S. On the average, the lunches contained: 0.019 mg. chromium, 0.34 mg. copper, 0.45 mg. manganese, and 3.91 mg. zinc. These amounts are probably marginal or low for chromium and copper, may be adequate for manganese, and are probably adequate for zinc. The lunches also contained an average of: 8.25 mg. aluminum, 0.17 mg. barium, 0.50 mg. boron, 0.013 mg. cadmium, and 0.33 mg. stable strontium. Aluminum content of the lunches varied widely. Cadmium values, like chromium, were near the lower limits of analytical sensitivity.

530-73

TUNA.

F J Francis, F A Clydesdale

Food Prod Dev 5 (6): 58-66, Oct 1971.

HD9000.LF64

Analytical methods, Color in foods, Food preference measures, Measurement, Tuna.

Abstract: Interest in tuna colorimetry has centered about two sites: prediction of consumer acceptance and studies of the chemical state of the pigments present in the tuna flesh. Some studies are briefly reviewed here.

531-73

HANDBOOK OF DIET THERAPY. 5th ed.

Dorothea Turner

Chicago, University of Chicago Press 250 p. 1970.

RM216.T3 F54

Consistency modifications, Diets, Interviews, Protein modifications, Sodium-restricted diets, Therapeutic and special diets.

Abstract: This handbook will provide the student of dietetics with the basic information for the practice of diet therapy. All the normal and modified diets are analyzed and compared to the 1958 revision of the U.S. Recommended Dietary Allowances for the adult. The principal used is that the therapeutic diet is a modification of the normal diet and should meet or exceed the allowances of the normal diet. In each regime, the effect that alteration of any of the types or quantities of any of the foods suggested will have on the allowances is discussed. It is therefore a quick reference for checking individual diets. Sections three and four are written by Margaret Mead and Mildred Kanfoush respectively. These sections provide information which will assist dietitians to assess the job they are doing and their value as therapists.

532-73

NUTRITION EDUCATION RESEARCH PROJECT - REPORT OF PHASE I.

U.S., Agency for International Development, Office of Nutrition, Technical Assistance Bureau

Floy Eugenia Whithead

Washington, D.C. 127 p. 1970.

TX364.Y45 F64

Bibliographies, Evaluation, Food habits, History, Nutrition education, Research methodology, Teaching techniques.

Abstract: This report begins: "The need for research in nutrition education is established by at least two facts: (1) each new generation must be taught to use intelligently an existing food supply; and (2) the body of facts which make up the science of nutrition is an evolving one. Furthermore, the extent of hunger and malnutrition in both affluent and developing countries of the world indicates that nutrition education methodology to date has had little effect upon dietary habits and nutritional status." Chapter 1 is a review of nutrition education research which may or may not have resulted in improved dietary habits.

The hypothesis tested in this literature review is that nutrition education research has been directed toward the purpose of disseminating nutrition information rather than toward the purpose of improving dietary habits. Chapter 2 summarizes the results of nutrition education reports published between 1900 and 1970.

533-73

BASIC DATA ON METABOLIC PATTERNS IN 7-TO 10-YEAR-OLD GIRLS IN SELECTED SOUTHERN STATES.

U.S., Agricultural Research Service

Elsie Z Moyer, Isabel M Irwin

Washington, D.C. 167 p. 1967.

QP171.U5 F5N (U.S. Agricultural Research Service. Home economics research report 33)

Children, Dietary surveys, Females, Metabolic studies, Southern states, Statistical data.

Abstract: Requirements for essential nutrients have not been so well defined for preadolescent children as for other population groups. The objectives of these studies were: (1) to investigate the metabolic patterns of preadolescent children; (2) to determine more precise standards than now exist for selected nutrient requirements for this age group; and (3) to determine interrelationships of selected nutrients within the metabolic process.

534-73

FOOD AND NUTRIENT INTAKE OF INDIVIDUALS IN THE UNITED STATES: SPRING 1965.

U.S., Agricultural Research Service

Washington, D.C. 291 p. 1972.

TX360.U6U54 F5N (U.S. Agricultural Research Service. Household food consumption survey 1965-66 report no. 11)

Age groups, Dietary surveys, Economic influences, Food intake, National surveys, Recall, Urban influences.

Abstract: This report on the food intake and nutritive value of diets of men, women, and children in the United States presents data from a survey made in spring 1965. As a part of the nationwide household food consumption survey made by the U. S. Department of Agriculture in 1965-66, information was obtained on the food intake for one day of individual members of the households interviewed. Information on food intake was obtained by the recall method for the day (midnight to midnight) preceding the interview. The study was planned to provide information on the food intake of individual family members in households in all parts of the Nation and segments of the population. Principal objectives were: to obtain information on the kinds and quantities of foods eaten away from home as well as at home and their contribution to the day's diet; how food intake of one sex-age group compares with another; how often during the day and at what time periods family members eat or drink food or beverages; which members within the family use vitamin or mineral supplements; and the nutritive value of the food intake of individuals at the various stages of the life cycle.

535-73

NUTRITIVE VALUE OF FOODS.

U.S., Agricultural Research Service

Washington, D.C. 41 p. 1971.

TX551.U5 F5N (U.S. Agricultural Research Service. Home and garden bulletin no. 72)

Dietary standards, Food composition tables, Nutrient values, Revised.

Extract: A table of nutritive values for household measures of commonly used foods makes up the greater part of this bulletin. First published in 1960, the bulletin was revised in 1964. Some of the food items in these previous editions have been dropped in this revision because they are no longer in general use. However, more than 150 other food items have been added and values for all foods reviewed and updated as necessary.

536-73

AN EVALUATION OF RESEARCH IN THE UNITED STATES ON HUMAN NUTRITION: BENEFITS FROM NUTRITION RESEARCH, REPORT NO. 2.

U.S., Agricultural Research Service

C E Weir

Washington, D.C. 129 p. tables. 1971.

QP141.U5 F5N

Deficiency diseases and disorders, Evaluation, Food service, Health, Nutrition, Research.

Extract: Advances in nutrition knowledge and its application during recent decades have played a major role in reducing the number of infant and maternal deaths, deaths from infectious diseases, particularly among children, and in extending the productive lifespan and life expectancy. Significant benefits are possible both from new knowledge of nutrient and food needs and from more complete application of existing knowledge. Potential benefits may accrue from alleviating nutrition-related health problems, from increased individual performance and satisfactions and increased efficiency in food services. A vast reservoir of health and economical benefits can be made available by research yet to be done on human nutrition.

537-73

FOOD FOR FITNESS: A DAILY FOOD GUIDE.

U.S., Agricultural Research Service

Washington, D.C. 4np. 1967.

TX551.U52 F5N (U.S. Agricultural Research Service. Leaflet no. 426)

Dietary standards, Food guides.

- Revised.
Abstract: This leaflet lists the four main food groups, the foods included in each group, what each group contributes to the diet, and how much from each group should be eaten every day.
- 538-73
CALORIES AND WEIGHT: THE USDA POCKET GUIDE.
U.S., Agricultural Research Service
Washington, D.C. 75 p. 1970.
RM222.US F&N (U.S. Agricultural Research Service. Home and garden bulletin no. 153)
Caloric values; Diets; Food guides; Weight control.
Revised.
Abstract: This pocket-sized guide includes calorie tables, a height-weight table, and tips on choosing foods and losing weight.
- 539-73
AMINO ACID CONTENT OF FOODS.
U.S., Agricultural Research Service
M L Orr, B K Watt
Washington, D.C. 32 p. 1968.
TX553.A5U5 F&N (U.S. Agricultural Research Service. Home economics research report no. 4)
Amino acids; Food composition tables; Nutrient values; Research methodology.
Extract: This publication presents the average values that at present appear to be most suitable for estimating the amino acid content of foods, diets, and food supplies. It also shows the extent to which data are available for specific foods, thus indicating those for which more determinations are needed. The two tables presented here have data for the 18 most frequently occurring amino acids. The first, which is the basic table, gives average, maximum, and minimum amino acid values in grams per gram of total nitrogen in the edible portion of the food. The second, calculated from the average values in the first, has been included to provide data that may be used directly to estimate amino acid content of foods of average protein content; it gives averages in grams per 100 grams edible portion.
- 540-73
NUTRITION: FOOD AT WORK FOR YOU.
U.S., Agricultural Research Service
Washington, D.C. 15 p. 1968.
TX551.U522 F&N
Food guides; Food purchasing; Homemaking skills; Nutrition; Storage.
Reprinted from Home and Garden Bulletin No. 1 Family fare, separate 1.
Abstract: This daily guide sorts foods into the basic four groups on the basis of their similarity in nutrient content, and enumerates each group's contribution to a proper diet. Buying and storage tips are also included.
- 541-73
FOOD SELECTION FOR GOOD NUTRITION IN GROUP FEEDING.
U.S., Agricultural Research Service
Betty B. Peterkin
Washington, D.C. 33 p. 1971.
TX728.US F&N (U.S. Agricultural Research Service. Home economics research report no. 35)
Food selection; Food service management; Institutional feeding; Menu planning; Nutrient values; Nutrition.
Revised.
Extract: Health is of particular importance to people who live in an institution. Food may be their chief pleasure, especially if their activities are limited. Well-planned and satisfying meals can help create a happy atmosphere, and they can promote a feeling of well-being. In many institutions, resources of time, money, staff, and facilities are limited. It is only with careful planning and serving that meals can help to meet some of the social, psychological, and esthetic, as well as nutritional, needs of the residents. Part I of this report includes some aids for planning menus. Part II presents two tools for estimating the nutritional adequacy of the foods used: (1) low- and moderate-cost food plans that show amounts of foods that will furnish well-balanced meals for individuals with different nutritional needs, and (2) a short method for calculating the nutritive value of foods used.
- 542-73
FAMILY FARE: A GUIDE TO GOOD NUTRITION.
U.S., Agricultural Research Service, Consumer and Food Economics Research Division
Washington, D.C. 91 p. 1970.
TX355.US F&N (U.S. Agricultural Research Service. Home and garden bulletin no. 1)
Food preparation; Food purchasing; Main dishes; Measurement; Miscellaneous foods; Nutrition; Recipes; Storage; Vegetables.
Revised.
Abstract: This publication includes a daily food guide; meal planning tips; nutrition facts; buying, storage, measuring and cooking information; a selection of recipes; menu suggestions; and a list of cooking terms.
- 543-73
PANTOTHENIC ACID, VITAMIN B6, AND VITAMIN B12 IN FOODS.
U.S., Agricultural Research Service
Martha Louise Orr
Washington, D.C. 53 p. 1959.
TX553.V5U5 F&N (U.S. Agricultural Research Service. Home economics research report no. 36)
Food composition tables; Nutrient values; Pantothenic acid; Pyridoxine; Vitamin B complex; Vitamin B12.
Extract: This publication provides values for three important vitamins: pantothenic acid, vitamin B6, and vitamin B12. Data reported from scientific investigations in many laboratories have been summarized to provide research workers and others who need them with values that are considered suitable at present for evaluating food supplies and diets for their content of these vitamins.
- 544-73
CONSERVING THE NUTRITIVE VALUES IN FOODS.
U.S., Agricultural Research Service
Washington, D.C. 16 p. 1971.
TX601.US F&N (U.S. Agricultural Research Service. Home and garden bulletin no. 90)
Food preparation; Food preservation; Nutrient values.
Revised.
Extract: This bulletin calls attention to some of the important nutrients in foods that are affected by different practices of handling and preparation and suggests ways in which these nutrients can best be conserved in the home. Such information affords guidelines for meal planning and preparation that will assure overall adequacy of the diet while allowing for individual preferences in the selection of foods and the form in which they are served.
- 545-73
DIETARY LEVELS OF HOUSEHOLDS IN THE UNITED STATES, SPRING 1965; A PRELIMINARY REPORT.
U.S., Agricultural Research Service
Washington, D.C. 34 p. tables. 1968.
TX360.U6U5 F&N (U.S. Agricultural Research Service. ARS 62-17)
Diet patterns; Economic influences; Food consumption; Influences on nutrition; National surveys; Nutrient values; Statistical data; Urban influences.
Extract: This spring, 1965, survey of food consumption in 7,500 households showed that most household diets fulfilled the recommended allowances for most nutrients. Half of the households met the allowances for all nutrients. The other half most often lacked sufficient calcium, vitamin A value, and ascorbic acid. One-fifth of the diets provided less than two-thirds of the allowances for one or more diets. Regional differences in diet adequacy were insignificant. Southern households spent less for food, but got more nutritional value for their money. Urban and rural diets were generally comparable although their adequacy in respect to particular nutrients varied. Higher income generally meant a better diet, but did not guarantee it. Over a third of the wealthier families had inadequate amounts of at least one nutrient. Overall, fewer households had good diets in 1965 than in 1955, and more had poor diets. These changes were attributed to decreased consumption of milk, vegetables, and fruits.
- 546-73
FOOD FOR GROUPS OF YOUNG CHILDREN CARED FOR DURING THE DAY.
U.S., Children's Bureau
Helen M. Hill
Washington, D.C. 58 p. 1966.
R1206.U52 F&N (U.S. Children's Bureau. Publication number 385)
Day care services; Food cost analysis; Food preparation; Food purchasing; Menu planning; Safety; Sanitation; Storage.
Extract: One big problem of a day-care program is the feeding of these children so that their nutritional needs are met. A greater part of this bulletin is devoted to that phase of the program. However, this bulletin's help does not stop there. Knowing how and under what conditions to serve food to children is just as important as knowing what to serve them. To reflect that thought this bulletin considers not only the selection and serving of food, but also stresses the importance of helping children develop good eating habits and to have pleasant associations with food and eating. The earlier children form desirable attitudes and learn to enjoy eating, the better the chances are that these positive traits will stay with them throughout their lives.
- 547-73
NUTRITION EDUCATION--1972; HEARINGS, NINETY-SECOND CONGRESS, SECOND SESSION.
U.S., Congress, Senate, Select Committee on Nutrition and Human Needs
Washington, G.P.O. pt. 1A--Appendix. 1973.
TX364.U528 F&N
Breakfast cereals; Nutrition education; Teaching methods.
Abstract: Item one includes papers submitted by witnesses on nutrition teaching at the Mount Sinai School of Medicine, a three year experience. Item two presents papers submitted by other than witnesses on economics of genetic engineering, breakfast cereals role in national nutrition. Item three, articles of interest related to nutrition education.
- 548-73
PUBLICATIONS LIST AND RESEARCH REFERENCE.
U.S., Congress, Senate, Select Committee on Nutrition and Human Needs
Washington, G.P.O. 33 p. Jan 1973.
Z5776.N8U52 F&N
Information services; Nutrition; Publications lists; Research.

549-73

Extract: The Committee makes its services available through publications which include reports, hearings, and collections of professional materials. These publications are made available to individuals and organizations with a continuing interest in policies of Nutrition and Human Needs.

549-73

NUTRITION EDUCATION--1972 HEARINGS, NINETY-SECOND CONGRESS, SECOND SESSION.
U.S., Congress, Select Committee on Nutrition and Human Needs
Washington, D.C. 1-1973.
TX360.U6A5 F6N
Advertising, Children, Food additives, Food composition (A.P.), Food purchasing, Hearings, Legislation, Nutrition education, United States.
Abstract: The purpose of these hearings is to explore the status of nutrition education in the United States today. Educational value of TV food advertising, the necessity for nutrition education from preschool to postgraduate level, food hazards, food selling, Federal Trade Commission guidelines for indicating nutritional value in advertisement of foods, responsibility of Congressional Committees, labeling nutritional contents, use of food additives, and shopping for nutritious foods were discussed.

550-73

AN EVALUATION OF RESEARCH IN THE UNITED STATES ON HUMAN NUTRITION.
U.S., Dept. of Agriculture, Science and Education Staff
Washington, D.C. 97 p. 1971.
QP141.U52 F6N
Dietary standards, Expenditures, Nutrient values, Nutrition, Research methodology, Statistical data.
Abstract: The survey of nutrition research was intended to identify the types and scope of research in progress at the time of the survey which is aimed at generating new knowledge about the various facets of human nutrition problems. The purpose for undertaking such an inventory was to provide a foundation for evaluating the current state of human nutrition research as a basis for planning the future direction of research. The companion report defines the current status of nutrition-related health problems and a second assesses the current state of knowledge about human nutrition. The basic interest of this survey was in research on the nutritional requirements of humans and the foods consumed by them.

551-73

NUTRITION: BETWEEN EATING FOR A HEAD START: PROJECT HEAD START.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 12 p. (n.d.).
LB1140.U522 F6N (Project Head Start rainbow series 3)
Day care services, Head Start, Menu planning, Nutrition education, Safety, Sanitation.
Abstract: This booklet touches on the basic principles of feeding preschool children, particularly those from economically poor backgrounds, and provides guidelines for child development centers to use in setting up their feeding programs.

552-73

NUTRITION INSTRUCTORS GUIDE FOR TRAINING LEADERS: PARENT EDUCATION IN NUTRITION AND FOOD--PROJECT HEAD START.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 24 p. (n.d.).
LB1140.U524 F6N (Project Head Start rainbow series 3B)
Adult nutrition education, Head Start, Parent participation, Teaching guides, Teaching techniques.
Extract: The Nutrition Instructor's Guide is designed to assist the instructor in planning and developing the nutrition education course for the leaders who will in turn, teach the course to the parents of Head Start children. Helping leaders understand basic nutrition principles and gain confidence in their own abilities as leaders to put these into practice, is a major responsibility of the nutrition-instructor. The outline in the Nutrition Instructor's Guide offers suggestions for teaching each session. The use of methods under the supervision of the instructor, of "Role-Play" and "Teach-Back" are offered to give the leader experience and build up her confidence.

553-73

NUTRITION EDUCATION FOR YOUNG CHILDREN: ADVENTURES IN LEARNING--A GUIDE FOR TEACHERS AND AIDES--PROJECT HEAD START.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 60 p. illus. (n.d.).
LB1140.U527 F6N (Project Head Start rainbow series 3F)
Activity learning, Field trips, Foods instruction, Head Start, Nutrition education, Parent participation, Recipes, Teaching guides.
Abstract: This booklet was conceived as the basic teaching aid in nutrition education for young children in the Head Start program. The emphasis is on teaching good food habits by setting a good example and by involving the children in interesting and informative activities. Numerous activities from field trips to cooking experiments, are suggested.

554-73

NUTRITION-STAFF TRAINING PROGRAMS: PROJECT HEAD START.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 36 p. (n.d.).
LB1140.U526 F6N (Project Head Start rainbow series 3D)

Day care services, Food service management, Food service workers, Head Start, Inservice education, Nutrition education, Teacher education.

Extract: Since children of the poor are often inadequately or improperly nourished, and since poor nutrition during early childhood has an adverse effect on growth and development, nutrition has a vital role to play in the Head Start program. This key principle underlies the Head Start Nutrition and Food Training Program. The purpose of this guide is to show how this principle can be communicated to Head Start personnel. To facilitate the task of the training specialist, this guide is divided into three separate sections. All of the chapters cover basic concepts to illustrate the place of food in the lives of young children (and their families), and also the scope of the Nutrition and Food program in a Head Start Center. However, each chapter adapts this material to the needs of a particular staff group, and includes detailed consideration of the functions and techniques which can help a particular group make its own significant contribution to the nutrition program. The ultimate goal is for trainees to have a deep seated conviction that through such a program they enrich a child's stay in the Center and make a valuable contribution to the child's growth.

555-73

LEADER'S HANDBOOK FOR A NUTRITION AND FOOD COURSE: PARENT EDUCATION IN NUTRITION AND FOOD--A SERIES OF TEN LESSONS FOR PARENTS--PROJECT HEAD START.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 64 p. (n.d.).
LB1140.U525 F6N (Project Head Start rainbow series 3C)
Adult nutrition education, Food guides, Food purchasing, Head Start, Menu planning, Parent participation, Storage, Teaching guides, Teaching techniques.
Extract: This handbook has been especially written for the leader's use in helping parents of Head Start children learn about the best ways to feed their families for good health. Part I of the handbook consists of factual information about nutrition, food and visual aids. This part serves as the text and reference for leaders. Part II of the handbook consists of the Ten Lesson Course to be given to Head Start parents, with specific and detailed information for teaching each lesson.

556-73

SCIENCE IN FOOD AND NUTRITION: A GUIDE FOR EXTENSION WORKERS.
U.S., Extension Service
Geraldine E. Acker, Evelyn B. Spindler
Washington, D.C. 20 p. 1964.
TX364.U526 F6N (U.S. Federal Extension Service, ME 94)
Activity learning, Concept formation, Extension education, Foods instruction, Nutrition education, Teaching guides.
Extract: Does your present foods program emphasize concepts, or does it emphasize facts and how-to-do-it information? Does it maintain interest? Does it make more people want to know more? Does it appeal to a wider audience? Incorporating more science is one major way to have an up-to-date, forward-looking program. Science in food means understanding the properties and characteristics of foods as well as the proper means of preparing them. This publication is designed to help extension workers and leaders integrate more science into work the 4-H Club members and adults.

557-73

UNA LIBRETA DE ENSEÑANZA ALIMENTOS PARA LAS FAMILIAS QUE DES- EAN ECONOMICAR. (SPA)
U.S., Extension Service
Washington, D.C. unp. (n.d.).
TX356.U52 F6N
Consumer education, Food selection, Nutrition education, Recipes.
Unbound collection.
Abstract: This folder contains leaflets in Spanish on the selection and preparation of various foods. A food guide and a children's coloring book are also included.

558-73

FOOD FOR THRIFTY FAMILIES: A TEACHING KIT.
U.S., Extension Service
Washington, D.C. unp. (n.d.).
TX356.U5
Consumer education, Donated foods, Extension education, Food purchasing, Food selection, Nutrition education, Recipes.
Unbound collection.
Abstract: This is a collection of leaflets, pamphlets, and other publications directed at families who want to obtain nutritious food on a budget. Guides for program aides are also included. All food groups and virtually all common food types are covered.

559-73

PREVENTION OF IRON-DEFICIENCY ANEMIA IN INFANTS AND CHILDREN OF PRESCHOOL AGE.
U.S., Health Services and Mental Health Administration
Samuel J. Fomon
Washington, D.C. 19 p. 1970.
RC641.7.L7U5 F6N (U.S. Public Health Service. Publication no. 2045)
Blood analysis, Deficiency diseases and disorders, Infants (to 2 years), Iron-deficiency anemia, Preschool children (2-5 years).
Extract: Iron-deficiency anemia is almost certainly the most prevalent nutritional disorder among infants and children in

the United States. Etiology is known, prevention is feasible, and the group primarily affected can be readily identified as those between 6 and 24 months of age. The question is not whether iron-deficiency anemia can be prevented, but rather which approaches to prevention are most practical. The importance of a fully adequate diet is self-evident; that this booklet emphasizes iron nutritional status should not obscure the importance of striving for adequate intakes of all essential nutrients.

560-73

SCREENING CHILDREN FOR NUTRITIONAL STATUS; SUGGESTIONS FOR CHILD HEALTH PROGRAMS.

U.S., Health Services and Mental Health Administration
Washington, D.C. 28 p. 1971.

TX361.59US F6N

Children; Clinical diagnosis; Food intake; Height-weight tables; Nutritional status; Physical fitness; Recall; Research methodology.

Abstract: In planning community health programs for children it is particularly important to identify the nature and extent of common health problems, including nutritional problems. Knowledge of the frequency and severity of nutritional problems in a community will permit reasonable allocation of resources for solving the more important nutritional problems and will provide a basis for program evaluation. Even a minimal screening program will require knowledge of the community and of food intakes and physical findings of the children. Some laboratory analyses will be necessary. Such a minimal screening program is described in Section I. Section II includes a somewhat more sophisticated (and also more expensive and time-consuming) approach to evaluation of nutritional status. In addition, several reference tables are included as well as forms that may be utilized in recording relevant data. Many of the suggestions in Section II are useful in evaluating nutritional status of individual children while Section I is focused primarily on nutritional screening of groups of children.

561-73

NUTRITION AND FEEDING OF INFANTS AND CHILDREN UNDER THREE IN GROUP DAY CARE.

U.S., Health Services and Mental Health Administration
Washington, D.C. 32 p. 1971.

RJ206.U5 F6N

Day care services; Equipment; Food service; Infants (To 2 years); Nutrition; Nutrition education; Personnel; Preschool children (2-5 years); Recordkeeping.

Abstract: Nutrition and feeding is an important part of day care services for young children. While providing the energy and nutrients needed for growth and activity, the act of feeding can be used to help the child establish warm human relationships. Such learning begins in the context of being cared for physically, particularly in the feeding situation. Feeding continues to be a basis for learning experiences throughout these early years. As the child learns to feed himself, he is developing motor skills and finding out what he can do. Introducing him to different foods gives him an opportunity to learn more about the world about him and may enhance his ability to select and accept kinds and combinations of food which can contribute to a well-balanced diet. Eating habits and attitudes about foods formed during these early years may well last a lifetime. This booklet has been developed with the hope that it will be useful guideline material for all those interested in good day care for young children.

562-73

FEEDING THE CHILD WITH A HANDICAP.

U.S., Health Services and Mental Health Administration, Maternal and Child Health Service
Washington, D.C. 19 p. 1967.

RJ216.U5 F6N

Dietary standards; Food habits; Foods instruction; Handicapped children; Utensils.

Abstract: Many handicapped children have special nutritional needs and problems. These children have all the usual requirements for good care and feeding and, in addition, some very special needs. This pamphlet makes suggestions on how to meet the feeding needs of certain handicapped children. It describes techniques of feeding that are especially adapted to these children. It discusses some principles of child growth and development that apply to all children as well as to the handicapped.

563-73

PRACTICES OF LOW-INCOME FAMILIES IN FEEDING INFANTS AND SMALL CHILDREN WITH PARTICULAR ATTENTION TO CULTURAL SUBGROUPS; PROCEEDINGS OF A NATIONAL WORKSHOP, AIRLIE CONFERENCE CENTER, WARRENTON, VA., MARCH 17-18, 1971.

U.S., Health Services and Mental Health Administration, Maternal and Child Health Service

Samuel J. Fomon, Thomas A. Anderson
Washington, D.C. 125 p. 1972.

TX361.59US2 F6N

Child rearing practices; Cultural factors; Demography; Dietary surveys; Disadvantaged groups; Economic influences; Influences on nutrition; Preschool children (2-5 years); Proceedings.

Abstract: Between November 1966 and December 1970, a study was undertaken which had as a primary objective the description of nutritional status of preschool-age children in the United States. Assessment of nutritional status was made by the collection of 2-day diet records by a trained interviewer in the home, past medical history of the subject and pertinent

information on the mother's prenatal history, anthropometric measurements, and extensive laboratory studies. Information was sought concerning family socioeconomic factors, family and child eating practices, methods of obtaining foods, amount of money spent on food and related items. This report will present a brief statement of survey sample, personnel and methodology used. Results will be presented on only the first half sample of total study population. Demographic characteristics and data on food procurement and preparation will be presented as family data. Information on nutrient intakes and an infant and child feeding practices will be given only for children 12-47 months, with references to practices of older children where indicated.

564-73

TEN-STATE NUTRITION SURVEY, 1966-1970.

U.S., Health Services and Mental Health Administration
Atlanta, Ga. 5 v. (904 p.). 1972.

TX360.U6US2 F6N

Age groups; Anthropometry; Biochemistry; Clinical diagnosis; Demography; Dental health; Dietary surveys; History; Nutritional status.

Abstract: Detailed data of a ten-state nutritional survey made by the Department of Health, Education, and Welfare between 1966 and 1970 is contained in this set of five volumes. The ten states studied were Washington, California, Texas, Louisiana, South Carolina, Kentucky, West Virginia, Michigan, Massachusetts, and New York. Information is received and reported in five categories: (1) historical development, (2) demographic data, (3) clinical, anthropometry, dental, (4) biochemical, and (5) dietary.

565-73

TEACHING NUTRITION IN THE ELEMENTARY SCHOOLS.

U.S., Office of Education

Washington, D.C. 33 p. 1966.

LO1947.NAUS F6N (U.S. Office of Education. Nutrition education series pamphlet no. 7)

Elementary education; Nutrition education; School children (6-11 years); Teaching guides.

Abstract: Many suggestions for making nutrition education in the elementary school function in pupils' daily living are made in the following pages. Included are examples which illustrate how and where teachers of specialized areas and school health workers may contribute to a schoolwide program of nutrition education by assisting the classroom teacher. Some important points to consider in developing an effective nutrition education program in the elementary school have been summarized, bulletins, articles, and books describing nutrition education methods and materials together with some up-to-date sources of nutrition information are listed in the bibliography at the end of the publication.

566-73

A GUIDE TO NUTRITION AND FOOD SERVICE FOR NURSING HOMES AND HOMES FOR THE AGED. 2d ed., rev.

U.S., Public Health Service

Washington, G.P.O. 111 p. 1971.

TX354.U5 F6N

Snuggles; Convenience foods; Dietary standards; Dietitians; Food service; Food service supervisors; Guides; Institutional feeding; Nutrition.

HSM 110-70-298.

Abstract: This revised version performs the same functions as the original, giving guidance on operation of a food service, in addition to explaining principles of nutrition that are essential to planning and preparing wholesome, appetizing meals. The new information added to the Guide includes material on policies and procedures, budgets, food production and distribution, contract food services, the role of dietitians and food service supervisors, influence of convenience foods on kitchen operation, the new revised recommended dietary allowances, training guidelines, and an updated reference list.

567-73

TRACE ELEMENTS IN HUMAN AND ANIMAL NUTRITION. 3d ed.

E. J. Underwood

New York, Academic Press 543 p. 1971.

QP141.U93 F6N

Animal sources of food; Deficiency diseases and disorders; Dietary standards; Health; Metabolism; Nutrition; Plant sources of foods; Toxicity; Trace elements.

Abstract: After an introductory survey of the trace elements--their occurrence, history, modes of action, requirements, and tolerances--the book considers the individual elements in turn, dealing with their sources, chemical forms, distribution in the tissues, absorption, retention, excretion, biochemical and physiological functions in the cells, and metabolic events. For each element, it describes the body's minimum needs and maximum tolerances, and the biochemical, clinical, and pathological manifestations of deficiency and chronic toxicity. A final chapter discusses soil-plant-animal interrelations, including environmental cycling of the trace elements and soil relations in human health and disease.

568-73

UNIFIED APPROACHES TOWARD NUTRITION ON EDUCATION THROUGH SCHOOL FOOD SCHOOL AND HOME ECONOMICS EDUCATION.

Ailie E. Ferguson

In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p. 82-92.

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PAGE 49

569-73

July 18/28., 1971.

LB3479.U5 F6N

Home economics education, Nutrition education, School food service.

Abstract: This paper discusses unified approaches to nutrition education through school food service and home economics education. The accountability of teachers and school food service people in relation to nutrition education, and the ways nutrition educators can improve the nutritional status of those for whom they are responsible are discussed. The variety of emphasis in the high school home economics classes are presented. Use of special foods and educational media, youth clubs, and an individualized foods class for grades K-12 are included.

569-73

JANE AND JIMMY LEARN ABOUT FRESH FRUITS AND VEGETABLES.

United Fresh Fruit and Vegetable Association
Washington, D.C. 12 p. illus. ind.1.

LB1587.V4U53 F6N

Elementary education, Fruits, Nutrition education, Vegetables.
Abstract: This coloring book for children portrays the healthy fruit and vegetable diet of a typical boy and girl.

570-73

HOW THE FRESH FRUIT AND VEGETABLE MARKETING SYSTEM CONTRIBUTES TO OPTIMUM NUTRITION; FRUIT AND VEGETABLE FACTS AND POINTERS.

United Fresh Fruit and Vegetable Association

R A Seelig

Washington, D.C. unp. [n.d.].

TX360.U6U53 F6N [United Fresh Fruit and Vegetable Association.

Fruit and vegetable facts and pointers]

Food economics and consumption, Fruits, Influences on nutrition, Marketing, Vegetables.

Abstract: The nutrition of an individual and of a society depends on several interlocking factors, but if the food production and distribution system is inadequate, if enough food is not produced and made generally available, the other factors are of little effect. This booklet outlines the influence of the fruit and vegetable marketing system on nutrition.

571-73

LOOKING AT NUTRITION 12 WAYS.

United Fresh Fruit and Vegetable Association

Washington, D.C. 24 p. 1971.

TX355.U48 F6N

Ascorbic acid, Dietary standards, Food fads, Nutrient values, Nutrition, Organic foods, Salads, Toxicants, Weight control.

Abstract: This is "A series of basic nutrition discussions derived from a wealth of scientific literature". References are cited for some of the topics.

572-73

UNIVERSAL SCHOOL FOOD SERVICE AND NUTRITION EDUCATION: A SYMPOSIUM.

Sch Foodserv J 25 (1.e.25, 8): 49-50,52-55,61-63. Oct 1971.

389.8 SCH6

Malnutrition, Nutrition education, School food service.

Abstract: Children's needs, each child's right, changing attitudes are covered.

573-73

THE URBAN AVALANCHE AND CHILD NUTRITION - I. IMPACT DURING THE INDUSTRIAL REVOLUTION AND NOW.

Derrick S Jeiliffe, E F Patricia Jeiliffe

J Am Diet Assoc 57 (2): 111-118. Aug 1970.

389.8 AM34

Children, Developing nations, Diet improvement, Food programs, Nutritional status, Urban influences, Urbanization.

Abstract: Innovative, imaginative thinking and urgent action are needed to help bridge what may be one of the major and most turbulent ecologic transitions of man's history, from 1850 with 4.3 per cent of the world living in the cities, to 1950 with 20.9 per cent urbanized, and on into the twenty-first century. The solution to the world-wide problems of channelling scientific knowledge to the improvement of urban (and rural) living are mainly organizational, administrative, and financial rather than technical. These in the field of food and nutrition have much to contribute by an increased awareness of the new problems, by developing a more meaningful dialogue between nutritionist and food industry, by participating in multi-blind studies of the interaction of food and human nutrition in urban ecologies, and by developing and deploying adaptive programs imaginatively geared both to needs and aspirations of new townsmen, yet realistically dovetailed with actual opportunities and available resources.

574-73

DIETARY STUDIES OF NORTHERN UTAH PRE-ADOLESCENT AND ADOLESCENT CHILDREN.

Utah, Agricultural Experiment Station

Ethelwyn B Wilcox, Ruth O Coates

Logan, Utah 20 s. 1964.

TX361.C5U8 F6N [Utah, Agricultural Experiment Station. Bull-

etin 477]

Adolescents (12-19 years), Children, Diet patterns, Food habits, Food intake, Nutritional status, Utah.

Extract: Findings from seven- and eight-day food records of 649 Utah pre-adolescent and adolescent children were summarized and evaluated to determine nutritive intake and contributions of various food groups to children's daily diet. Mean intakes of all nutrients were within 90 percent of the NRC recommended allowances with few exceptions. Diets of the boys

were better than those of the girls and diets of the younger children better than those of the elder groups. As a whole, these young people had a good pattern when group averages for nutrient intakes were considered or when average numbers of servings were compared to those recommended in the basic four food groups. As indicated by the low intakes of some nutrients, however, individual consumption of certain foods was less than desirable. Girls needed more high-quality protein foods; fruits and vegetables, particularly those rich in ascorbic acid; and milk. Boys needed to increase their use of ascorbic acid-rich foods including tomatoes, other fruits and vegetables, and milk.

575-73

UTILIZABLE PROTEIN: QUALITY AND QUANTITY CONCEPTS IN ASSESSING FOOD.

Daniel Resenfield

Feed Prod Dev 7(3): 57-62. Apr 1973.

HD9000.L.F64

Analytical methods, Cost effectiveness, Food analysis, Food

composition, Nutrients, Protein foods, Proteins.

Abstract: The author shows how to evaluate a food as a protein source by applying the concept of "utilizable protein." This term emphasizes nutritive quality as well as protein quantity. A review of the common bioassays for protein quality is given, and several tables showing relative nutritive value and utilizable protein in various sources are included, along with estimates of cost-effectiveness in terms of utilizable protein.

576-73

UTILIZATION OF INORGANIC ELEMENTS BY YOUNG WOMEN EATING IRON-FORTIFIED FOODS.

Hilda S White, Thomas N Gynne

J Am Diet Assoc 59 (1): 27-33. Jul 1971.

389.8 AM34

Analytical methods, Balance studies, College students, Dietary surveys, Females, Iron, Metabolic studies.

Abstract: A 30-day balance study was conducted with nine young university women, primarily to determine their absorption and retention of iron. Subjects were fed diets of usual foods, except for bread and rolls specially fortified with iron. The average daily iron intake was 22.9 mg. Histologic examination of bone marrow biopsy samples showed that eight of the nine young women had little or no detectable marrow iron stores. Diet, stool, and urine samples were analyzed for 14 inorganic elements by emission spectroscopy. Data on absorption and retention for iron, magnesium, calcium, phosphorus, and potassium are reported. Average values for zinc, manganese, and copper in diet, stool, and urine samples are also presented. Subjects absorbed an average of 16.3 per cent of the dietary iron, equivalent to an average of 3.7 mg. per day. There was considerable variation among subjects in the absorption and retention of inorganic elements.

577-73

PROBLEMS OF ASSESSMENT AND ALLEVIATION OF MALNUTRITION IN THE UNITED STATES; PROCEEDINGS OF A WORKSHOP HELD AT NASHVILLE, TENNESSEE, JANUARY 13-14, 1973.

Vanderbilt University

R G Hansen, M M Munro

Nashville, Tenn. 186 p. [n.d.].

RC621.H3 F6N

Clinical diagnosis, Dietary study methods, Dietary surveys, Malnutrition, Measurement, Nutritional status, Proceedings, Research methodology, Workshops.

Abstract: The purposes of the workshop were to acquaint the participants with the findings of the National Nutrition Survey and the research opportunities arising from the problems which are defined, and to describe the problems of existing procedures for assessment of nutrient status of the population. An attempt was made to itemize some of the critical problems of biochemical, clinical, and dietary assessment of nutritional inadequacy and to pinpoint research needed for their solution.

578-73

VITAMIN A AND IRON IN INFANTS' DIETS IN ISRAEL.

A Goldberg, A Reshet

J Am Diet Assoc 60 (2): 127-129. Feb 1972.

389.8 AM34

Diet patterns, Food intake, Infants (To 2 years), Israel,

Nutrient values, Vitamins.

Abstract: Diets of 28 infants living in Jerusalem were examined during one week. Foods were prepared in the laboratory, according to information obtained from the mothers, and analyzed for beta-carotene, retinol, iron, and vitamin A activity. The average daily intake was: 625 mcg. beta-carotene, 167 mcg. retinol (making 1,597 I.U. vitamin A activity), and 3.2 mg. iron. No diet contained more than 60 percent of the recommended allowance for iron, and only 13 diets provided more than 60 per cent of the recommended vitamin A.

579-73

VITAMIN E AND HEART DISEASE.

Robert E Olson

Food And Nutr News 44 (5-6): 1, 4. Feb/Mar 1973.

389.8 F7332

Cardiovascular disorders, Deficiency diseases and disorders, Disease prevention, Pharmacology, Research, Vitamin E.

Abstract: Vitamin E is required by animals and man for normal cell differentiation and function. Deficiencies of vitamin E

result in a number of disorders, which the author describes. He then proceeds to show how vitamin E acts within the body, and recommends measures for the pharmacologic use of vitamin E.

580-73

VITAMIN E AS A BIOLOGICAL ANTIOXIDANT.

National Dairy Council

Dairy Council Dig 42 (4): 19-22, Jul/Aug 1971.

369.8 D14

Anemia, Deficiency diseases and disorders, Fatty acids, Vitamin E.

Abstract: The recognition of vitamin E as an essential nutrient for man and the importance of the ratio of vitamin E to polyunsaturated fatty acids (PUFA) in the diet has increased interest in theories about its mode of action. A concept of vitamin E as a biological antioxidant that limits lipid peroxidation reactions and protects cells from membrane damage has been developed that is consistent with many lines of evidence. These peroxidation and antioxidant reactions have implications in the normal aging process and in the toxic effects of many environmental agents. Experiments in humans and animals have shown that while the vitamin E/PUFA ratio in diet is a useful concept, the critical factor is the vitamin E/PUFA ratio in tissues. Vitamin E therapy has been suggested for certain types of anemia, such as the anemia of premature infants and the anemia found in protein-calorie malnutrition in some areas. Vitamin E deficiency is believed to occur frequently in cases of fat malabsorption and certain other gastrointestinal disorders. (NOC).

581-73

VITAMINS AND THE GROWING BODY: A LESSON PLAN ON THE ROLE OF VITAMINS IN HEALTH.

Vitamin Information Bureau

New York 21 p. 11.d.1.

TX553.V5V5 F6N

Food composition, Nutrient values, Nutrition education, Teaching guides, Vitamins.

Abstract: This lesson plan describes each important vitamin, its function in the human body, and its food sources. Summary, review, and homework for each vitamin and an overall quiz are included. Vitamins covered are A, B-1, B-2, niacin, B-12, folacin, B-6, C, D, E, K.

582-73

VITAMINS (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.

McGraw-Hill Films, Inc.

Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. 11.d.1.

TX553.V5V52 F6N AV (Vocational Library: food management--food for health series)

Cooking methods, Nutrition education, Vitamins.

For use in a Technicolor cassette projector.

Abstract: This film illustrates the need for a balanced distribution of vitamins in the daily diet. Good food sources of each vitamin are shown, and fresh foods are emphasized as especially rich in usable vitamins. The best ways of cooking vegetables to retain vitamin content are demonstrated.

583-73

VITAMINS AND BODY STRUCTURE.

G Lynn Brinkman

In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 43-45, July 12/24, 1971.

L83479.U5P4 F6N

Nutrition, Vitamins.

Abstract: This paper reviews the vitamins and their functions in the body.

584-73

VITAMINS FROM FOOD (MOTION PICTURE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC.

AND THE NATIONAL DAIRY COUNCIL.

Dairy Council of California

Los Angeles, Mexler Film Productions 1 reel, 16mm, sd, col, 10 min. 1968.

TX553.V5V5222 F6N AV

Food selection, Metabolism, Nutrition education, Vitamin equivalents, Vitamins.

Includes teacher's guide. Also available in videocassette.

Abstract: This film dramatizes the stories of how Dr. Lind and Dr. Eijkman discovered their respective cures for scurvy and for beriberi. The film reenacts Lind's experiments aboard a British man-of-war, and Eijkman's experiments in Java. The film goes on to explain and illustrate that growth and energy depend on the taking apart and putting together of molecules within cells, and that enzymes are essential to the breakdown and restructure of other molecules. It also explains how co-enzymes derived from vitamins in the cells make the work of some enzymes possible, why vitamin pills can never take the place of foods, and which foods are good sources for certain vitamins.

585-73

VITAMINS FROM FOOD (VIDEOCASSETTE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.

Dairy Council of California

Los Angeles, Mexler Film Productions 1 videocassette, sd,

col, 14 min. 3/4". 1968.

TX553.V5V522 F6N AV

Food selection, Metabolism, Nutrition education, Vitamin equivalents, Vitamins.

For use in videocassette player. Includes teacher's guide. Abstract: This videotape dramatizes the stories of how Dr. Lind and Dr. Eijkman discovered their respective cures for scurvy and for beriberi. The film reenacts Lind's experiments aboard a British man-of-war, and Eijkman's experiments in Java. The film goes on to explain and illustrate that growth and energy depend on the taking apart and putting together of molecules within cells, and that enzymes are essential to the breakdown and restructure of other molecules. It also explains how co-enzymes derived from vitamins in the cells make the work of some enzymes possible, why vitamin pills can never take the place of foods, and which foods are good sources for certain vitamins.

586-73

WATER METABOLISM (SLIDES); DISTRIBUTED BY NUTRITION TODAY.

James R Robinson

Nutrition Today

Washington, Nutrition Today 9 slides, 2"x 2", color. 1970.

QP171.W3 F6N AV (Nutrition Today, Teaching aid no. 7)

Metabolism, Nutrition education, Water.

KIT Includes: 9 slides and 12 syllabuses. Based on the article: "Water, the indispensable nutrient".

Abstract: Water is very nearly the indispensable nutrient to all forms of life. This set of nine slides graphically illustrates how water is organized in the body and how it affects the metabolism of health and disease. Photographs included show an ultramicroscopic view of cellular membrane, intracellular variation of pH, nutrient exchange, water vapor and gas exchange in respiration, how death occurs in drowning, water molecules, how one becomes thirsty, and the water cycle within the body.

587-73

WATER, THE INDISPENSABLE NUTRIENT.

James R Robinson

Nutr Today 5 (1): 16-23, 28-29, Spring 1970.

R4784.N8

Biochemistry, Metabolism, Nutrient values, Nutrients, Nutrition, Water.

Abstract: Water comes as close as anything to being the indispensable nutrient: nothing can live without it; inorganic substances cannot combine into molecules unless they have been first dissolved in water; and all living things require about the same concentration of water. The author discusses the physical and chemical properties that make water biologically important: intracellular water and the membranes that confine it; polywater; intercellular water; extracellular water; the physiological functions of water in the body; the importance of maintaining a precise saline concentration in the body (0.9 per cent, the salinity acquired many years ago when we lived in the oceans); and why drowning in fresh water is different from drowning in salt water.

588-73

WE CAN'T SEPARATE NUTRITION FROM SOCIAL AND BIOLOGICAL SCIENCES.

J L Cameron

Sch Lunch J 24 (7): 65, 67, 71, Jul/Aug 1970.

369.8 SCH6

Cultural factors, Foods, Malnutrition, Nutrition, Nutrition education.

Abstract: Existing evidence indicates the importance of good nutrition to mental development. However, there is not yet in existence any body of evidence that can, with certainty, separate social factors and other biological factors from nutritional ones.

589-73

WE'RE SHORT OF CALCIUM, TOO!

B G Anderson

Sch Foodserv J 27 (3): 63-64, Mar 1973.

369.8 SCH6

Calcium, Cultural factors, Diets, Nutritional deficiencies.

Abstract: Calcium deficiency is most marked in girls 9-14 and women over 35. Cultural patterns appear to be mainly responsible in the U.S.: 1. Growing decline in use of vegetables; 2. Rejection of "fattening" foods.

590-73

WEIGHT CONTROL OF CHILDREN WITH PRADER-WILLI SYNDROME.

Peggy L Pides, Vanja A Holm

J Am Diet Assoc 62 (5): 520-524, May 1973.

369.8 AN34

Caloric intake, Food intake, Nutritional status, Obesity,

Therapeutic and special diets, Weight control.

Abstract: Obesity in children with Prader-Willi syndrome is usually thought to be uncontrollable. Weight reduction and continued weight control has been achieved in four boys with this condition. The method used for nutritional management is described. Important components of the program include: collection of baseline data of the child's caloric intake during normal activity in relation to weight status, total fecal involvement, strict environment control of food, and continued monitoring of growth and caloric intake. Successful management demands frequent contacts to provide support and guidance to the child and family for a long period.

- 591-73
SCHOOL LUNCH AND THE CURRICULUM: A TEACHER'S HANDBOOK, GRADES ONE THROUGH TWELVE.
 West Virginia, Dept. of Education, Bureau of Services, School Lunch Branch
 Charleston, W.Va. 104 p. In.d.1.
 L83475.W4 F6N
 Curriculum planning, Dietary standards, Health education, Integrated curriculum, Nutrition education, School lunch programs, Teaching guides, Teaching techniques.
 Abstract: This handbook suggests ways in which the school lunch program can serve as a learning experience. Lunch can help students develop good food habits, and it can provide a social situation where students acquire good manners, poise, and consideration for others. A nutritious meal in pleasant surroundings can improve the attitudes and behavior of children. Studies of the history of food and food habits; the economics of food production and distribution; the literature and language of food; nutrition; and other aspects of food can all be taught in conjunction with other subjects to integrate the school lunch program with the rest of the curriculum.
- 592-73
NUTRITION EDUCATION IN THE SCHOOL FOOD SERVICE: CHALLENGE, CHANGE, AND COMMITMENT: PROCEEDINGS.
 Western Regional School Food Service Seminar, Utah State University, 1971
 Logan, Utah 161 p. 1971.
 L83479.USUS F6N
 Food additives, Food habits, Inservice education, Malnutrition, Mental development, Nutrition education, Proceedings, School food service, Seminars.
 Extract: The objectives for the seminar were: to update supervisory personnel in nutritional trends and knowledge so that they more effectively carry the message of nutrition to the local level of school food service; to develop a better understanding of the interrelationship of economic, cultural, social and physical factors which directly affect nutrition problems and nutrition education programs; to develop innovative instructional tools, methods and materials which may be used efficiently and effectively in developing realistic child nutrition programs; and to make food service supervisory personnel aware of the necessity for cooperating with other school personnel and students for help in implementing their nutrition education programs.
- 593-73
WHAT DO WE MEAN BY "NUTRITION"?
 W R Aykroyd
 Nutr Today 7 (6): 30-31, Nov/Dec 1972.
 RA784.N6
 Nutrition, Vocabulary.
 Abstract: The author scans the multiple levels of the meaning of the word "nutrition" to explain why people have a hard time agreeing on its definition.
- 594-73
WHAT FOOD MEANS TO CHILDREN.
 Food Mgt & (21): 60-61, Feb 1973.
 TX943.F6
 Behavior change, Food habits, Psychology, School food service.
 Abstract: From his experience in treating and teaching disturbed children, Dr. Bettelheim tells of the strong psychological factors involved in the simple act of eating. He points out that our earliest associations with food determine to a great extent our ability to cope with life's problems and challenges. He stresses that food must be offered to children in a psychologically acceptable way, otherwise children will reject the food—even if they are starving. The child, says Dr. Bettelheim, is degraded and insulted when forced to accept food given in an impersonal or unkind manner—no matter how nutritious the food may be.
- 595-73
WHAT INFLUENCES MALNUTRITION?
 Sally K Livingston
 J Nutr Educ 3 (1): 18-27, Summer 1971.
 TX341.J6
 Age groups, Cultural factors, Economic influences, Food habits, Influences on nutrition, Malnutrition, Nutrition education, Psychology.
 Abstract: Many overlapping factors must be assessed for a complete understanding of the causes of malnutrition and as a basis for future planning. Food habits are formed by both objective and subjective factors. The objective factors include physical, biological, economic and technological influences. The subjective factors in forming food habits include cultural, social, and psychological influences. This review discusses overnutrition, undernutrition and hunger, education, and influences pertinent to each.
- 596-73
WHAT IS USDA DOING ABOUT NUTRITION EDUCATION?
 Sch Foodserv J 27 (1): 31-32, Jan 1973.
 389.6 SCH6
 Nutrition education, U.S. Dept. of Agriculture.
 Abstract: Most serious gap in education today, nutrition, seems to have no coordinated nationwide effort being made. Cites various localized studies that are being made in various areas.
- 597-73
WHAT IS NUTRITION EDUCATION: WHY NUTRITION EDUCATION.
 Lucille Wakefield
 In Proceedings of the Southwest Region School Food Service Seminar, Kansas State Univ., 1971 p 42-50, July 12/23, 1971.
 L83479.USK3 F6N
 Food service management, Nutrition education.
 Abstract: This paper discusses what nutrition education is and why it is necessary. The various aspects of nutrition education are related to four different forces: cultural forces, the teaching-learning process, health teaching, and the building of nutrition education. Emphasis is placed upon school lunch people as educators and a total concept of education is stressed.
- 598-73
WHAT IS SOY PROTEIN?
 W J Wolf
 Food Technol 26 (5): 44-45, 48, 50, 52-54, May 1972.
 389.6 F7398
 Chemistry, Food composition, Nutrient values, Proteins, Soybean products, Textured vegetable proteins.
 Abstract: This article presents a detailed explanation and review of the chemical and physical properties of soy proteins and their relationship to functional properties. A discussion of heat-denaturation is included.
- 599-73
WHAT SCHOOL LUNCH IS DOING FOR UNDERNUTRITION IN BALTIMORE.
 J B Sarantis, R H Nicholson, J Gordon
 Sch Lunch J 25 (1.e. 24, 9): 54-55, Oct 1970.
 389.6 SCH6
 Anemia, Malnutrition, Preschool children (2-5 years), School children (6-11 years), School lunch programs, Surveys.
 Abstract: Nutritional survey, based on anthropometric data and microhematocrit test, showed that about 50,000 children, grades 1-6, should have free meals.
- 600-73
WHAT'S GOOD TO EAT (MOTION PICTURE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
 Dairy Council of California
 Los Angeles, Mexler Film Productions 1 reel, 16mm, sd, col, 10 min. 1968.
 TX364.W472 F6N AV
 Food groups, Food intake, Food selection, Nutrients, Nutrition education.
 Includes teacher's guide also available in videocassette.
 Abstract: This film develops the concept that a variety of foods is important, but it is the selectivity that produces good health. All foods supply nutrients, but not all the same kinds. The body uses the various nutrients (proteins, carbohydrates, fats, minerals, and vitamins) in different ways. The film explains the four food groups and which nutrients each group best supplies. By combining foods from each group at every meal, our bodies are supplied with the proper raw materials.
- 601-73
WHAT'S GOOD TO EAT (VIDEOCASSETTE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
 Dairy Council of California
 Los Angeles, Mexler Film Productions 1 videocassette, sd, col, 18 min, 3/4", 1968.
 TX364.W47 F6N AV
 Food groups, Food intake, Food selection, Nutrients, Nutrition education.
 For use in videocassette player. Includes teacher's guide.
 Abstract: This videotape develops the concept that a variety of foods is important, but it is the selectivity that produces good health. All foods supply nutrients, but not all the same kinds. The body uses the various nutrients (proteins, carbohydrates, fats, minerals, and vitamins) in different ways. The film explains the four food groups and which nutrients each group best supplies. By combining foods from each group at every meal, our bodies are supplied with the proper raw materials.
- 602-73
WHAT'S WRONG WITH SCHOOL LUNCH?
 S W Doucette, A N Maratzki
 Sch Lunch J 25 (5): 42-48, 51, May 1971.
 389.6 SCH6
 Food preference ratings, Foods, Plate waste, School lunch programs, Student participation, Type A lunch.
 Abstract: Condensed version of the second part of research in Hawaii considered plate waste because of its impact on nutritional value of Type A lunch.
- 603-73
WHEN THE ESKIMO COMES TO TOWN.
 Otto Schaefer
 Nutr Today 6 (6): 4-16, Nov/Dec 1971.
 RA784.N6
 Cultural factors, Eskimos, Food habits, Influences on nutrition.
 Abstract: When an Eskimo moves to town his children grow faster and taller, his teeth rot, his wife gets gallbladder disease, and, more likely than not, a member of the family catches one of the degenerative diseases common among white men. This

article reports on how civilization affects the food habits, nutrition and health of Eskimos.

- 604-73
WHERE OLD AGE BEGINS (SLIDES); NUTRITION TODAY; TEACHING AID NUMBER 1. DISTRIBUTED BY NUTRITION TODAY, WASHINGTON, D.C.
A L Tassell
Nutrition Today
Washington, Nutrition Today 11 slides, 2" x 2", color, 1969.
QP46.W45 FEN AV (Nutrition Today; teaching aid number 1.)
Aging, Biochemistry, Disorders of body parts and systems, Instructional aids, Nutrition education.
Kit includes: 11 slides and 6 syllabuses.
Abstract: Aging of our bodies appears to be influenced by an intracellular tug of war going on between two factors acting on a third; intensity and duration of radiation-like effects; poly-unsaturated lipids upon which they act; and the vitamin E available to protect the lipids from excessive destruction. The slides in this collection illustrate the penetration of the cell by radiant energy, causing the release of free radicals through lipid peroxidation. The free radicals rupture the lysosomes, releasing hydrolytic enzymes which destroy cellular components, resulting in "clinkers"--the dead end products of a cell buried out by peroxidation. The accompanying article points out that poly-unsaturated fats, which are believed helpful in preventing atherosclerosis, are particularly susceptible to peroxidation and the formation of free radicals, so that they may actually facilitate aging. The author argues that the maintenance of adequate levels of vitamin E and other anti-oxidants may inhibit the release of free radicals and, in turn, forestall aging.
- 605-73
WHITE HOUSE CONFERENCE ON FOOD, NUTRITION AND HEALTH. REPORT OF FOLLOW-UP CONFERENCE.
Washington, D.C. 102 p. 1971.
TX345.W452 FEN
Conferences, Federal government, Food economics and consumption, Foods, Health, Nutrition, Nutrition education, Nutritional status, Special groups, diets.
Abstract: This 1971 follow-up report from the White House Conference on Nutrition and Health updates the information presented in the original final report of 1969.
- 606-73
WHITE HOUSE CONFERENCE ON FOOD, NUTRITION AND HEALTH: FINAL REPORT.
Washington, D.C. 341 p. 1970.
TX345.W45 FEN
Conferences, Federal government, Food economics and consumption, Foods, Health, Nutrition, Nutrition education, Nutritional status, Special groups, diets.
With summary (14 p.).
Abstract: This final report of the White House Conference on Nutrition and Health details proceedings in several areas: (1) nutritional status of the American people, (2) nutritional guidelines for vulnerable groups, (3) food provision vis-a-vis the consumer, (4) nutrition education, (5) food delivery and distribution, (6) voluntary action to help the poor.
- 607-73
WHO TURNS THE CHILD "OFF" TO NUTRITION.
Mary L Blackburn
J Nutr Educ 2 (2): 45-47, Fall 1970.
TX341.J6
Food habits, Nutrient values, Nutrition education, Snacks, Soft drinks.
Abstract: To label foods such as soda pop and potato chips as "taboo" to good nutrition and to seek to remove them from the child without an appropriate substitute, may turn a child "off" to nutrition. This article explains why.
- 608-73
WHY PEOPLE EAT WHAT THEY EAT.
Hazel Fox
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 156-158. July 12/23, 1971.
LB3479.J5K3 FEN
Age groups, Children, Food habits.
Abstract: This paper discusses why people eat what they eat. Basically people eat what is available to them and Lewin's studies show that they like what they eat rather than eat what they like. Changes in eating patterns can best be effected if they are incorporated into an existing value system. A discussion of the development of food habits in young children and preschoolers is included.
- 609-73
A STUDY OF THE BREAKFAST EATING HABITS OF SCHOOL AGE GIRLS AND BOYS, GRADES ONE THROUGH TWELVE, OF AN OKLAHOMA COMMUNITY WITH IMPLICATIONS FOR TEACHING NUTRITION.
B F Wilkerson
Stillwater, Okla., Oklahoma State University v. 62 p. May 1968.
TX551.W5 FEN
Breakfast, Food habits, Nutrition education, Oklahoma, School children (5-11 years).
Thesis (M.A.)--Oklahoma State University, Stillwater.
Extra t. This study was made to determine the breakfast eating habits of the students in the Marland School system, with an effort to determine factors which might tend to effect it. First the nutritional needs for breakfast were reviewed, in
- the second phase the advantages of eating breakfast are considered, part three is a review of literature devoted to the inadequacy of children's breakfasts, and part four discusses the inadequacy of eating as a habit, with special emphasis on forming habits and on how habits can be improved.
- 610-73
NUTRITION AND DIET THERAPY; A LEARNING GUIDE FOR STUDENTS.
2d ed.
Sue Redwell Williams
Saint Louis, The C.V. Mosby Company 146 p. 1973.
RM216.W52 FEN
Case studies, Diets, Dietetics, Nutrition education, Study guides, Therapeutic and special diets.
Abstract: This textbook on nutrition provides basic information to those in nursing and other health care professions. Part one provides background on the inquiry method of learning. Part two is a study guide for normal nutrition. Part three gives several family and individual patient situations to provoke thinking toward solutions to nutrition problems.
- 611-73
REVIEW OF NUTRITION AND DIET THERAPY.
Sue Redwell Williams
Saint Louis, The C.V. Mosby Company 293 p. illus. 1973.
RM216.W52 FEN
Clinical diagnosis, Deficiency diseases and disorders, Dietetics, Food habits, Nutrient values, Nutrition education, Study guides, Therapeutic and special diets.
Abstract: It is for practicing health professionals--and for the patient for whom they care--that this review manual is written. It provides a reference for clinicians and practitioners. This book offers a broad overview of nutrition and its applications. Questions are posed concerning basic nutritional principles and are related to various clinical and community problems. The material is organized into three sections. The first section reviews basic scientific principles of nutrition, with emphasis on their significance in human health. The two remaining sections apply these principles to the life cycle and to a variety of community and clinical problems.
- 612-73
NUTRITION AND DIET THERAPY.
Sue Redwell Williams
Saint Louis, The C.V. Mosby Company 693 p. 1973.
RM216.W522 FEN
Deficiency diseases and disorders, Dietetics, Food habits, Food misinformation, Food-related disorders, Nutrition education, Special groups, diets, Textbooks, Therapeutic and special diets.
Abstract: This textbook is for professional nursing students. Scientific and philosophical concepts are discussed in depth. Clinical application is made of all scientific principles. The book is divided into four parts: (1) foundations of nutrition, (2) applied nutrition in community health, (3) nutrition in the health care specialties, (4) nutrition in clinical care.
- 613-73
THE WORDS WE USE.
E Nalge Todhunter
Natr Today 7 (5): 12-15, Sept/Oct 1972.
RA744.N4
Communications, Nutrition education, Vocabulary.
Abstract: The author talks about the use and misuse of the terms, units, and abbreviations used in the field of nutrition. She calls for a stricter, more precise use of terminology, arguing that since nutrition is a science, its tools and methods (and thus its vocabulary to describe them) should be rigorously used.
- 614-73
THE WHEEL OF HEALTH; THE SOURCES OF LONG LIFE AND HEALTH AMONG THE HUNZAS. 1st Schocken ed.
G T Wrench
New York, Schocken Books 146 p. 1972.
RM216.W7 1972 FEN
Diet patterns, Food habits, Food preparation, Nutrient values, Surveys.
Originally published 1938.
Abstract: Chapter IX of this book is concerned with the Hunza food and its cultivation. Looking through their diet, it is seen that there is nothing strange to the Westerner in the Hunza food. All of them, except some smaller grain foods, are common to both people. The difference lies in the way they are eaten and the way they are cultivated. It is upon these differences that the better health and physique of the Hunza in the major part depends.
- 615-73
YOGURT: IS IT TRULY ADOLLE'S & VITAMIN?
K M Acett, T P Labuza
Food Prod Dev 6(7): 50-50D, 65, 95, 97, Nov 1972.
HQ9000.L.F64
Bacteria, Gastrointestinal tract, Nutrient values, Vitamin B complex, Yogurt.
Extract: Adelle Davis' comments about yogurt and accompanying bacteria reveal her lack of understanding of scientific literature on this subject. The reference she uses to validate her point is meaningless in terms of "in vivo" situations. One should not write off yogurt as a useful food, however. It has an interesting flavor and mouthfeel and can make a useful

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PAGE 53

818-73

contribution to the diet in terms of calcium and protein nutrition, especially for those on reducing diets.

818-73

YORKTOWN STUDENTS DON'T JUMP FOR JUNK.
Nation's School 91 (4): 54-55, Apr 1973.
LB2804.N3
Arlington, Virginia, Costa. Facilities planning and layout, Food preferences, Food selection, Food standards and legislation, School food service, School lunch programs, Type A lunch. Abstract: Can kids choose intelligently between candy and cantaloupe? A new type of high school food service put into operation in Arlington, Virginia, seems to verify the fact that students will select "good" foods when left to their own devices. In these new lunchroom facilities, competitive foods from 14 vending machines and a delicatessen counter are sold alongside the Type A meals. The foods, and the prices at which it is sold, are competitive with that offered by nearby commercial establishments. As a result, the kids like the new set-up and so stay at school for lunch.

817-73

YOU AND YOUR FOOD (MOTION PICTURE).
Walt Disney Educational Materials Company
Glendale, Calif., Walt Disney Educational Materials Co. 1 reel, 16mm, sd, col, & win. In.d.l.
TX364.Y55 F6N AV
Agriculture, Body composition, Demonstrations (Animal), Dietary standards, Elementary education, Foods instruction, Metabolism, Nutrition education.
Abstract: This film tells where food comes from, how we obtain food, and what food does for us. "Living machines" are compared with manufactured machines, and the nutritional needs of humans are compared with those of other animals.

818-73

YOU AND YOUR FOOD (MOTION PICTURE) (SPANISH). (SPA)
Walt Disney Educational Materials Company
Glendale, Calif., Walt Disney Educational Materials Co. 1 reel, 16mm, sd, col, & win. (In Spanish). In.d.l.
TX364.Y553 F6N AV
Agriculture, Body composition, Demonstrations (Animal), Dietary standards, Elementary education, Foods instruction, Metabolism, Nutrition education.
Abstract: This film tells where food comes from, how we obtain food, and what food does for us. "Living machines" are compared with manufactured machines, and the nutritional needs of humans are compared with those of other animals.

819-73

YOU CAN'T TEACH A HUNGRY CHILD. 1 LUNCH SURVEY.
D L Callahan
Sch Lunch J 25 (3): 26-27, 29-30, 32, 37-42, Mar 1971.
389.A SCH6
Children, Hunger, Surveys, Teaching, Type A lunch.
Abstract: Massachusetts survey of 80,000 children indicated that only 53% consumed a satisfactory or good lunch. The children who were undernourished did not select type A lunch in the school, ate at home, brought their own lunch, bought a la carte in school, or ate in a neighborhood store.

820-73

YOUR ASSIGNMENT, SHOULD YOU DECIDE TO ACCEPT IT...
Sch Foodserv J 27 (4): 15, Apr 1973.
389.A SCH6
Nutrition education, Televised instruction.
Abstract: The Mulligan Stew, a rack group, is a series of six half-hour shows that, primarily for grade children, appeal to all. This is just part of a comprehensive nutrition education package that also includes a cook book manual, a record, and a teacher's manual designed for followup to the TV.

821-73

A 24-HOUR METHOD FOR THE DETECTION OF COAGULASE-POSITIVE STAPHYLOCOCCI IN FISH & SHRIMP.
N F Inaolota
Food Technol 26 (5): 76, 80-82, May 1972.
389.A F7398
Disease prevention, Fish, Food poisoning, Foodborne diseases, Microbial contaminants, Seafood, Staphylococcal food poisoning.
Abstract: A rapid microbiological screening method has been developed for the detection of coagulase-positive staphylococci in fish and shrimp in a 24 hour elapsed test time. This rapid enrichment coagulase slide method is direct and sensitive and uses the microbiological facilities routinely found in the laboratories of the fish industry. Sample size is chosen to give 95% probability of a positive result if contamination levels are in excess of 100 coagulase-positive staphylococci per gram.

History

822-73

ALEXIS SOYER: A PIONEER IN THE DEVELOPMENT OF FOOD SERVICE.
S A Goldblith
Food Technol 25 (9): 58, 60, Sept 1971.
389.A F7398
Applied nutrition, Biographies, Food service, History.
Extract: Alexis Soyer was one of the great chefs of the Nineteenth Century. Although born in France, he lived most of his life in England. He was an inventive chef who practiced the art and science of applied nutrition for feeding large groups of people, especially those under adverse condition. It is to Alexis Soyer that we are indebted for the beginnings of the development of food service as we now know it.

823-73

THE ANCIENT MELON PEP'S UP MODERN MENUS.
B Tellus
Sch Lunch J 25 (5): 63-64, May 1971.
389.A SCH6
History, Melons, Nutrient values, Recipes.
Abstract: History of melons (muskmelons and cantaloupes), recipes for use of watermelons and cantaloupes, and nutritive value.

824-73

FOOD SERVICE EQUIPMENT INDUSTRY: ITS BEGINNING, ITS GROWTH, ITS PEOPLE.
I S Anoff
Chicago, Institutions/Velue Feeding Magazine 255 p. illus. 1972.
TX656.A5 F6N
Equipment, Food service industry, History.
Extract: This book recounts the development of the food service equipment industry--the manufacture and distribution of equipment and supplies for preparing, storing, and serving food in food service establishments. In addition to providing brief sketches of the firms which began business in the early 1900s, their impact and the personalities that shaped them, the author covers contemporary dealers, manufacturers, and the trade associations and professional societies that have contributed to the advancement of the industry. A historical report brings up to date the story of changes in merchandise and products.

825-73

ICE CREAM. 2d ed.
W S Arbuckle
Westport, Conn., The AVI Publishing Co. 474 p. 1972.
TX795.A7 F6N
Food competition, Food grades, Food processing, Food standards and legislation, History, Ice cream, Nutrients, Recipes, Sanitation.
Abstract: This book deals with all aspects of the ice cream industry, a historical section is included as well as present-day manufacturing procedures of automated processing from formula development to finished packages. The nutritional value, composition, and properties of ice cream are discussed, as well as unique types of ice cream concoctions.

826-73

THE BERRIES WITH BOUNCE.
Giveuden Flavor 4: 5-6, 8, 1971.
308.A G44
Cranberries, Flavorings, Food additives, History, Nutrient values, Processed foods.
Abstract: History, harvesting, processing, nutritive value, and artificial flavoring are discussed.

827-73

TEA & COFFEE: A MODERN VIEW OF THREE HUNDRED YEARS OF TRADITION.
Edward Brash
London, Hutchinson of London 166 p. illus. 1972.
HD9195.G7287 F6N
Coffee, Coffee shops, Food economics and consumption, Food preparation, Food processing, History, Palatability ratings, Tea, Vending machines.
Abstract: This is an account of the histories of tea and coffee from both their commercial and social standpoints. Since their introduction to Western Europe, tea & coffee have had their ups and downs. The reasons for these fluctuations are complex and go deep into the social mores and fashions of the time. For instance, vending has had a considerable impact on the market, and the author has made a special study of the evolution and implications of the vending machine. The chapters on coffee include a detailed history of the seventeenth-century coffee houses where so many of the great city institutions were founded and relate these to the more recent boom in

- coffee bars. The tea story covers the East India Company's development of the China Trade; how China tea was replaced by Indian and Ceylon tea, which was financed from London; the big blending companies and how modern tea became established. The London tea and coffee exchanges and their effect on world trade are discussed, along with an analysis of how the politics and policies of the producing countries influence both their own economies and the consumer.
- 620-73**
FOOD IN ANTIQUITY: A SURVEY OF THE DIET OF EARLY PEOPLES.
Don Brothwell, Patricia Brothwell
New York: Frederick A. Praeger 248 p. 1969.
GT2860.B7 F6N
Animal sources of food, Deficiency diseases and disorders, Dietary surveys, Food analysis, Food habits, Food poisoning, Foodways, History, Plant sources of foods.
Abstract: Biological and archaeological research are combined in this comparative study of human diet in ancient and primitive societies. Material evidence of animals and plants are correlated with that provided by written records and pictorial representation to produce a world-wide survey of the eating and drinking habits of early man. Cannibalism, food taboos, and food source domestication are discussed along with famine, vitamin deficiency, disease, and dietary disorders.
- 629-73**
BUT WHAT ARE THEY AMONG SO MANY? AN ANCIENT FOOD FOR A MODERN NEED.
U.S., Bureau of Commercial Fisheries, National Marketing Services Office
Sch Lunch J 24 (3): 9-14, 28. Mar 1970.
389.8 SCH6
Fish, Foods, Proteins, Recipes, School food service, Shelf-life, Vitamins.
Abstract: Importance of fish and shellfish in filling protein needs. Includes recipes for school lunches.
- 630-73**
CHOCOLATE: THE AZTEC'S BROWN GOLD.
Givensan Flavor 1: 1-2, 6, 8. 1972.
308.8 G44
Chocolate and cacao, Flavorings, Food additives, History, Processed foods.
Abstract: History, processing, and use of chocolate and injection chocolate is discussed.
- 631-73**
A CLING PEACH KALEIDOSCOPE.
Food Serv J 33 (1): 26-29. Jan 1971.
389.2538 F732
Canned foods, Food processing, Fruits, Peaches, Recipes.
Abstract: Canned cling peaches are one of the most successfully processed fruits--retaining their color, texture, and flavor. They offer all the prime requisites of instant portion control, ease of storage, and an optimum stage of ripeness. Labeling is excellent. A starter set of cling peach concepts is given--including breakfast ideas, fruit cocktails, meat garnishes, salads, and desserts. Recipes are available for a variety of dishes.
- 632-73**
THE COMMODITIES CONTROVERSY: FOOD FOR YOUR LUNCH.
R. Lynn
Sch Foodserv J 25 (3): 30, 32-34, 36. Sept 1972.
389.8 SCH6
Commodities, Donated foods, History, Perks, School lunch programs.
Abstract: The Assistant Secretary, Agricultural Marketing Service, U.S. Department of Agriculture, discusses commodities, their history, particularly donated foods, and the myths that have grown around them. He mentions a perk purchase for school lunches, how donated foods get from purchase to the schools, legislative authorities, donated foods today, and new ways in which donated foods are managed.
- 633-73**
THE AMERICAN AND HIS FOOD: A HISTORY OF FOOD HABITS IN THE UNITED STATES.
Richard Osborn Cawelins
New York: Arno Press & The New York Times 291 p. 1970.
TX360.J628 F6V (The Rise of Urban America)
Federal programs, Food economics and consumption, Food feds, Food habits, Food standards and legislation, Food technology, Foodways, History, Nutrition.
Reprint by permission of The University of Chicago Press (second edition, 1941).
Abstract: This history of American food habits endeavors to determine the effect of social and technological forces on the national diet and, where material change was found, how this might have further affected the characteristics of the American people. Widely scattered sources, including travel accounts, health literature, cookbooks, periodicals, newspapers, and government documents are cited. Vital statistics have been included. A thorough account of the history of the science of nutrition was not attempted, except as it relates to the development of government standards.
- 634-73**
THE CUP-CAN APPROACH.
Sch Foodserv J 25 (10): 41. Nov/Dec 1972.
389.8 SCH6
Cup-cans, History, School lunch programs.
Abstract: History of development of cup-cans, and introduction to a special section on the subject.
- 635-73**
ATTACK ON STARVATION.
Hervon W. DeGroot
Westport, Conn.: AVI 312 p. 1961.
HD9000.A.04 F6N
Agriculture, Food supply, Food technology, Hunger, Malnutrition, Population trends, Starvation.
Abstract: To meet the food needs of people in the future, new types of food production must be evolved. The directions food production and food distribution can take in the future are presented in this book. The author bases his arguments on the fact that scientists agree that world food supplies can be doubled using present methods, but that this will take about 40 years. If this doubling occurs, the food supplies per person 40 years from now will equal approximately the food supplies available per person today. This means that people in many lands will still be suffering from malnutrition. To double the world's food supplies in 40 years, it will be necessary not only to use the most efficient agricultural methods in all parts of the world, but also to greatly increase the land under cultivation. Using present practices it is inevitable that more grain and less meat be eaten. It is doubtful if even the best agricultural practices now used will be able to sustain adequately the world's population if its rapid expansion continues even 20 years from now. Furthermore, there are physical limits to present agricultural practices.
- 636-73**
FIVE IMPORTANT FLAVORS AND THEIR USES.
Givensan Flavor 3: 5-6, 8. 1971.
308.8 G44
Flavorings, Food additives.
Abstract: History and use of vanilla, chocolate, strawberry, cherry, and raspberry, and their flavor imitators in foods and drugs.
- 637-73**
FOUNTAIN OF LIFE AND HOPE (MOTION PICTURE) (SPANISH); PRODUCED BY THE PUERTO RICO DEPT. OF PUBLIC INSTRUCTION. (SPA)
Puerto Rico, Dept. of Public Instruction, Division of Community Education
San Juan, Dept. of Public Instruction 1 reel, 16mm, sd, col, 15 min. (In Spanish, In.d.).
TX945.S.535F4 F6N AV
History, Puerto Rico, School food service, School lunch programs.
Abstract: This film describes the history of the school lunch program in Puerto Rico, starting from its beginning and tracing its development to the present. The narration is in Spanish.
- 638-73**
INTRODUCTION TO THE SEMINAR.
Lure M. Odland, Eugene Dickey, M. J. Hitchcock
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p. 7-17. June 1972.
LB3479.U5T4 F6N
Organization, Seminars.
Abstract: School Food Service presented as evolving from 5 major recommendations of USDA Land-Grant College Task Force report. Subsequent action and Seminars reviewed.
- 639-73**
THE PATENT OFFICE.
Stacy V. Jones
New York: Praeger Publishers 234 p. 1971.
KF3120.J64 F6N
Corporations, Federal government, History, Organization, Patents, Technology.
Abstract: The story of the U.S. Patent Office is here told from its beginnings in the late 1700s to the present. The book outlines the Office's organization and day-to-day operations and shows its place in the governmental structure. A number of actual patents, both practical and foolish, are described.
- 640-73**
MODERN DAIRY PRODUCTS: COMPOSITION, FOOD VALUE, PROCESSING, CHEMISTRY, BACTERIOLOGY, TESTING, IMITATION DAIRY PRODUCTS.
Lincoln M. Lampert
New York: Chemical Publishing Co. 418 p. 1970.
SF251.L3 F6N
Analytical methods, Food chemistry, Food composition, Food grades, Microbiology, Milk products, Nutrient values, Pasteurization, Synthetic foods.
Abstract: The general objectives of this book are to present reliable information, in a non-technical manner, on the composition, nutritive value, manufacture, chemistry, and bacteriology of milk and dairy products. Technical improvements and automation have continued uninterrupted during recent years. Economic factors, especially the impact of imitation and substitute products, have been felt throughout the dairy industry. Although they are not dairy products, the importance of imitation products is brought out in a chapter dealing with them. Many educational institutions place less importance upon the processing of dairy products than upon food technology in general. Workers in the dairy industry often acquire their knowledge by experience and on-the-job training. This book is

641-73

written to introduce these employees to the broad aspects of the dairy industry and the possibilities of bringing in new techniques.

641-73

LETTUCE--THE SALAD STAPLE.
Sch Foodserv J 25 (3): 19-20. Mar 1972.
389.8 SCH6
Food preparation; Food storage; Lettuce; Salads.
Abstract: Varieties, shipping, storage, and use of lettuce.

642-73

THE MOTEL AND RESTAURANT BUSINESS.
Donald E Lundberg
Chicago, Institutions Magazine/Voluee Feeding Management 301
p. illus. 1970.
TX911.L749 F6M
Commercial food service; Economics; Equipment; History; Hotels; Restaurants.
Abstract: This book describes the entire field of hotel and restaurant administration--giving historical background as well as present-day operations. Food service institutions (schools, colleges, hospitals, nursing homes) are also discussed within the surview of the broader field of hotel and restaurant management. The art of dealing with the public is given special stress.

643-73

THE WORLD OF FOOD.
Eva Medved
Lexington, Mass., Ginn 540 p. illus. 1970.
TX663.M4 F6M
Cooking instruction; Employment opportunities; Food preservation; Food service occupations; Foods instruction; Menu planning; Secondary education; Textbooks.
Abstract: This book is a beginning foods text which provides an overview of foods today with a glimpse of foods for the future. Its purpose is to broaden understanding of food in all of its aspects, strengthen management practices relevant to food sources, and develop cookery skills and techniques. Skills taught include (1) the application of basic principles of cookery in the preparation of food products, (2) the use of standard products for evaluation of other foods and convenience items, (3) the evaluation of various forms of food, including convenience items, to make the best selection for each situation, (4) the use of tools of cookery to promote efficiency, preservation of the tools, and avoidance of waste, (5) the understanding of cookery terms and their application to achieve the best result when foods are prepared, (6) the use of recipes to produce high quality products, (7) the coordination of preparation techniques with time schedules to produce satisfying meals appropriately served, (8) the identification of nutrients according to their richest food sources and their appropriate purposes for the body.

644-73

HELLO U.S.A.: A STORY OF DAIRYING IN THE UNITED STATES.
National Dairy Council
Mildred Colla Letten
Chicago, Ill. 28 c. illus. 1958.
SF241.N3 F6M
Agriculture; Animal sources of food; Elementary education; Foods instruction; History; Milk.
Revised.
Abstract: A boy goes to the state fair with his Uncle and there he meets a young dairy farmer who explains dairying to him and invites him to visit his farm. A history of dairy farming is also included.

645-73

EDUCATION IN THE STATES: NATIONWIDE DEVELOPMENT SINCE 1900.
National Education Association of the United States
Edgar Fuller; Jia B Pearson
Washington, D.C. 763 p. 1969.
LA209.N3 F6M
Administration; Administrative policies; Education; Educational administration; Educational finance; School food service; State government.
Abstract: "Education in the States: Nationwide Development Since 1900" is the second volume of the report compiled by the Council of Chief State School Officers. It deals on a nationwide basis with 16 areas of educational concern to all states. The authors examine the historical development, existing situation, and likely future directions of the basic organization and financing of public education; curriculum and supporting areas related to instruction; Federal participation in education; and relationships between state departments of education, the teaching profession, institutions of higher education, and the general public.

646-73

THE NEW ERA IN NUTRITION.
Cortez F Enloe
In Proceedings of the Nutrition Education Seminar,
Florida Agricultural and Mechanical Univ., 1971 p 51-59.
July 18/26, 1971.
LB3479.U5 F6M
History; Nutrition education; School food service.
Abstract: This keynote address deals with the importance of nutrition and nutrition education from an historical perspective. Scientific progress has fostered a whole new and rapidly moving era in nutrition, and school food service directors are

urged to accept the challenges of this new era.

647-73

NOTEBOOK ON SOY: FLORIDA'S QUESTIONS ON SOY.
Sch Foodserv J 26 (7): 84. Jul/Aug 1972.
389.8 SCH6
Fortification agents; School food service; Soybean products; Textured vegetable proteins.
Abstract: From December 1971 issue of School Food in Florida, in which Jean Kendrick answered questions concerning textured vegetable proteins in school food service, which are herein extracted and revised.

648-73

NOTEBOOK ON SOY: TEXTURED VEGETABLE PROTEIN.
Sch Foodserv J 26 (7): 51. Jul/Aug 1972.
389.8 SCH6
Soybean products; Textured vegetable proteins.
Abstract: Introduction to a series of articles on textured vegetable proteins.

649-73

NOTEBOOK ON SOY: WHATS AND WHYS OF TEXTURED VEGETABLE PROTEIN.
Sch Foodserv J 26 (7): 64,66-68. Jul/Aug 1972.
389.8 SCH6
School lunch programs; Textured vegetable proteins.
Abstract: Answers to questions most frequently asked by school food service personnel concerning textured vegetable protein and its uses in school lunches.

650-73

NOTES ON THE HISTORY OF NUTRITION IN AMERICA.
Charles Glen King
J Am Diet Assoc 56 (3): 188-190. Mar 1970.
389.8 AM34
Food technology; History; Nutrition; Research.
Abstract: The author briefly sketches the history of American nutrition research, touching on the problems, particularly financial problems, faced by early researchers. He sees future nutrition research focused on specific targets: (a) the development of high quality protein foods to meet the needs of underdeveloped nations; and (b) the problem of meeting all nutritional requirements without an excess of calories.

651-73

OUR DAILY BREAD.
Earl L Gutz
J Am Diet Assoc 56 (2): 107-110. Feb 1970.
389.8 AM34
Agriculture; Food economics and consumption; Food supply.
Abstract: The author begins by contrasting the relative efficiency of American agriculture with the relative inefficiency of Russian agriculture, concluding that "there can be little doubt concerning the ultimate outcome of the struggle between our two systems." He further contrasts American food excesses and the food shortages of underdeveloped nations, foretelling little likelihood that the food-short countries will be able to feed themselves in the near future, since "one cannot quickly overcome obstacles to progress inherent in general illiteracy, widespread poverty, deep-rooted superstition, religious and social taboos, capital starvation, state socialism, and official harassment of private entrepreneurs." He asks whether it will be possible to feed the six billion people anticipated by the year 2000, and answers "Obviously, they will be fed. Otherwise they wouldn't be living."

652-73

OVERCOMING WORLD HUNGER.
Clifford M Hardin
Englewood Cliffs, N.J., Prentice-Hall 177 p. 1969.
HD90000.509 F6M
Developing nations; Food economics and consumption; Food supply; Hunger; Malnutrition; Population growth.
Abstract: This volume is a collection of writings on world-wide food and nutritional problems. It explains the reform of economic, social, and political institutions necessary to total economic development of poorer nations.

653-73

PEANUTS: THE FIRST SNACK FOOD.
Givaudan Flavor 4: 1,3-4,6. 1971.
388.6 G44
History; Nutrient values; Peanuts; Processed foods; Snacks.
Abstract: History, statistics, growth, processing, nutritive value of peanut products is given.

654-73

THE PERFECT PRUNE: A 1970 MARKET REPORT.
Food Serv 32 (17): 15-16. 57. Dec 1970.
389.2538 F732
Fruits; Marketing; Prunes.
Abstract: The new pitted and diced California prunes offer great convenience and generally can be used cooked or uncooked. Purchasing information is given on the different types of pitted prunes (for use as ingredient, as garnish, and as cooked fruit) and canned prunes (regular, nectarized, and moist pack). Diced prunes are offered with a dextrose coating to eliminate stickiness, they are processed without potassium sorbate so that they will not slow the fermenting process when used in bakery products calling for fermentation. For large orders, the coating can be changed to starch, vegetable oil, or plain sugar rather than dextrose. Flavorings, such as orange

ginger and cinnamon, can be incorporated. Preparation tips for prunes are given. Recipes are available for frozen ribbon pie, gals garnishes, prune pound cake, trile tarts, and classic compote.

659-73

BREAD SCIENCE AND TECHNOLOGY.
Yoshiojoh Pomeroy, J A Shallenberger
Westport, Conn., AVI 262 p. 1971.
TX769.P6 F6N

Baking, Breads, Palatability ratings, Recipes, Technology.
Abstract: This book is about the long history and art of breadmaking and its universality. The authors have collective experience with bread production as practiced many places in the world, and their discussions on the history of baking, baking research, and rapidly developing changes in baking technology are important parts of this book. Considerations of the history of breadmaking, past and present baking procedures, and bread types around the world with modern concepts of baking technology, nutrition, and cereal science are combined to present an old subject developed on a worldwide basis and related to present day technology.

656-73

THE SCIENCE OF MEAT AND MEAT PRODUCTS. 2d ed.
J F Price, & S Schmalzer
San Francisco, W. H. Freeman 660 p. illus. 1971.
TX556.M4P7 F6N

Food chemistry, Food preservation, Food processing, Food science, Meat, Microbiology, Nutrient values, Palatability ratings.
Abstract: This book is a collection of articles on the meat industry. The first section deals with the basic science of meat: the structure and chemistry of animal tissues, muscle function and post-mortem changes, and the microbiology, nutritional content, and palatability of meat. The second section deals with meat processing: the characteristics of muscle as food, meat preservation, cured meats, sausage products, packaging, by-products, and sanitary control.

657-73

PUDDINGS AND OTHER DELICIOUS THINGS.
Givaudan Flavor 3: 5-6, 8. 1972.
308.8 G44

Apples, Desserts, Flavorings, Gelatin, History, Pies, Popcorn, Puddings, Pumpkins.
Abstract: History of various desserts, and use of flavorings in puddings and gelatin desserts.

658-73

REVIEW OF BASIC NUTRITION CONCEPTS.
G Lynn Brinkman

In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 18-21. July 12/24, 1971.
L83479.U5P4 F6N

History, Nutrition.
Abstract: This paper presents a historical review of basic nutrition concepts, nutrition survey methods and the nutrients required for good health. Incomplete results of the National Nutrition Survey are included.

659-73

A SENSATIONAL SAUSAGE SYSTEM THAT SELLS.
Food Serv 34 (2): 34-44. Feb 1972.
389.2539 F732

Guides, Meat, Sausage, Vocabulary.
Abstract: The meat industry generally considers the term "sausage" to encompass meat products in which beef, pork, veal and lamb, individually or in combination, have been (1) comminuted, generally by grinding or chopping; (2) seasoned with a variety of spices; and (3) often cooked and/or smoked. If at least two of these "procedures" have been performed, it is considered "sausage." Frequently the product is contained in a natural or artificial casing. This guide describes the different types of sausage suitable for breakfast, lunch, and dinner. Fresh cooked, cooked smoke, dry, and ready to serve sausages are included.

660-73

THE SHADY, SAUCY TOMATO.
Givaudan Flavor 3: 1-4. 1972.
308.8 G44

Flavorings, Food additives, Food preparation, History, Tomatoes.
Abstract: History and use of tomatoes and artificial tomato flavorings.

661-73

SIXTY HAMBURGERS LATER...NEWSPAPERMAN RESEARCHES AMERICA'S FAVORITE FOOD.
D DeJoon

Cooking for Profit 40 (246): 48-49, 59. June 1971.
TX901.C6

Food quality, Food service industry, Hamburgers.
Abstract: An amusing article, reprinted from the Louisville Times, telling the history of the hamburger and the development of the hamburger industry.

662-73

POTATOES: PRODUCTION, STORING, PROCESSING.
Ore Smith
Westport, Conn., AVI 642 p. illus. 1968.
S8211.PA56 F6N

Agriculture, Food processing, Food storage, Potatoes, Root, tuber and bulb vegetables.
Abstract: This book is a review of the pertinent potato literature, summarizing the modern contributions in this field as they are related to the potato industry in America. The author summarizes the more important recent findings of research workers in all parts of the world. The material has been assembled in such form as to be of special benefit to and use as a reference book by graduate students, teachers and investigators in this field.

663-73

A SPLIT PEA SPECIAL: A 1970 MARKET REPORT.
Food Serv 32 (12): 18-20. Dec 1970.
389.2538 F732

Nutrient values, Peas, Pod vegetables, Soups.
Abstract: Dried peas were among the earliest convenience foods. The split pea soup made from them is a popular product throughout the world. U.S. production of dry peas is concentrated in northern Idaho and eastern Washington State. Data on packaged sizes of peas and nutrient content are presented.

664-73

TRENDS IN THE U.S. MEAT ECONOMY.
M J Daly

Food Technol 25 (8): 68, 70-71. Aug 1971.
389.8 F7398

Agricultural development, Animal fats, Animal sources of food, Consumer economics, Meat, Merchandising.
Abstract: This paper discusses how the U.S. meat industry has been affected by developments in raw materials, transportation, consumption patterns, merchandising techniques, technological advances, the saturated fat controversy, and the application of the "materials" concept to food.

665-73

NATIONAL SCHOOL LUNCH PROGRAM: 25 YEARS OF PROGRESS.
U.S., Food and Nutrition Service

Washington, D.C. Unp. 1971.
L83479.U526 F6N (U.S. Food and Nutrition Service. PA-750) Food economics and consumption, History, National School Lunch Program, Statistical data, Student participation.

Abstract: This brief history of the National School Lunch Program includes a summary of significant statistics broken down by year and by state. Recent developments are mentioned briefly.

666-73

DRY ONIONS: FRUIT & VEGETABLE FACTS & POINTERS.
United Fresh Fruit and Vegetable Association

R A Seale
Washington, D.C. 22 p. illus. 1970.
HD9239.D6U5 F6N (United Fresh Fruit and Vegetable Association. Fruit and vegetable facts and pointers) Agriculture, Food habits, History, Marketing, Nutrient values, Onions, Root, tuber and bulb vegetables, Vegetables.
Revised.

Extract: This report deals with marketing of dry onions in fresh form and with related subjects: botany, geography and climate, history, onion tales, uses, foreign trade, production and value, per capita consumption, prices, marketing season, sources of supply, grades, quality as seen by consumers, varieties, growing, harvesting, curing, storage, market diseases, containers and packing, transportation, retailing, selling words and phrases, composition and nutritive value, and references.

667-73

BYPRODUCTS FROM MILK. 2d ed.
Byron H Webb, Earl O Whittier

Westport, Conn., AVI 428 p. 1970.
TX377.W4 F6N

Baked goods, Cheese, Milk products, Nutrient values, Processed foods.

Abstract: In the processing of milk there is the problem of utilization of byproducts and surpluses. This book has been written with the purpose of assembling in one volume the methods of utilization of dairy byproducts. Most of the processes described are in commercial operation. A few procedures have been outlined which, though not yet commercialized, seem to the authors to offer promise of practical use, at least in principle, even if not precisely as presented. Some procedures for utilization of milk fat have been included as have chapters on the nutritional characteristics of milk components and on the disposal of dairy wastes. Theoretical discussions have been included to aid in the understanding of the principles on which the manufacturing procedures are based. The references at the end of each chapter have been selected as those furnishing the most adequate information on the principle and procedures presented. The writing is directed mainly to engineers, managers, supervisors, and operators of plants processing milk and of plants manufacturing feeds containing milk components.

668-73

PEANUTS: PRODUCTION, PROCESSING, PRODUCTS. 2d ed.
Jasper Guy Woodruff

Westport, Conn., AVI 330 p. illus. 1973.

669-73

SB351.P4W6 FEN

Agriculture, Food processing, Food technology, History, Peanut oil, Peanuts.

Abstract: Hardly a month passes without the announcement of a new use of peanuts as a food item. These range from confections, bakery products, peanut flour, peanut milk, peanuts in breakfast cereals to such things as peanut protein, polyunsaturated peanut fats, peanut lipoproteins, and so on. This book is all about the peanut - its history, culture, processing, composition, and nutritive value. Special chapters are included on peanut butter, salted peanuts, peanut confections, peanut oil, and technological developments in peanut uses.

669-73

WORLD FOOD AND POPULATION PROBLEMS: SOME POSSIBLE SOLUTIONS. S S Kherbas, D K Salunkhe

Food Technol 25 (4): 148-149, 152, 154, 156-159, Apr 1972. 389.8 F7398

Agricultural development, Deficiency diseases and disorders, Food consumption, Food delivery, Food programs, Food supply, Food technology, Malnutrition, Overpopulation.

Abstract: This article presents some possible solutions to the world food shortage problem, including increasing the food supply, decreasing the population growth, and improving the economic situation in the developing countries.

Food Standards and Legislation

670-73

A.D.A. SUPPORTS SCHOOL FOOD SERVICE IN TESTIMONY BEFORE CONGRESSIONAL COMMITTEES.

Josephine Martin

J Am Diet Assoc 59 (3): 246-248, Sept 1971.

389.8 AM34

Administration policies, American Dietetic Association, Free lunches, School breakfast programs, School food service. Extract: On June 8, Josephine Martin, Administrator, School Food Service Program of the Georgia Department of Education, Atlanta, appeared before the Subcommittee on Agricultural Research and General Legislation of the Senate Committee on Agriculture and Forestry testifying in behalf of the American Dietetic Association in support of S.-1919, "to amend the Child Nutrition Act of 1966 to make the School Breakfast Program Permanent, and for other purposes" and H.R.-5257, "to amend the National School Lunch Act, as amended, to provide funds and authorities to the Department of Agriculture for the purpose of providing free or reduced-price meals to needy children."

671-73

A.D.A. TESTIMONY ON SCHOOL LUNCH BEFORE HOUSE OF REPRESENTATIVES' COMMITTEE.

Frances E Fischer

J Am Diet Assoc 59 (3): 249-250, Sept 1971.

389.8 AM34

Administration policies, American Dietetic Association, Free lunches, Nutrition education, School lunch programs. Abstract: Testimony in behalf of the American Dietetic Association was given by Frances E. Fischer on June 22 before the General Subcommittee on Education of the U.S. House of Representatives' Committee on Education and Labor. Miss Fischer submitted, for the record, a policy statement which stated in part: I. Nutritionally adequate food should be available for all individuals and families; II. Nutrition service under the supervision of qualified nutrition personnel should be a component of all health and health related programs and should be designed to reach the total population with priority to nutritionally vulnerable groups; and III. Nutrition education should be available to all individuals and families and, in schools, should be a basic curriculum requirement. School feeding programs in which there is continued application of current nutrition knowledge and coordination with nutrition education in the classroom should be available to all children.

672-73

THE BIG DEBATE: SHOULD FF BE FORTIFIED?

Arnie Katz

Quick Frozen Foods 35 (1): 54-55, Aug 1972.

389.8 Q4

Food analysis, Food and Drug Administration, Food standards and legislation, Food technology, Fortification, Frozen foods, Nutrients.

Abstract: The Food and Drug Administration has set up proposed regulations governing the nutritional content of processed food items. Many frozen food manufacturers are investigating the feasibility of bolstering the nutritional content of their foods. This article discusses frozen food fortification in light of the government's proposed regulations.

673-73

PROCEEDINGS OF THE PACKAGING LEGISLATION AND REGULATIONS: CURRENT STATUS AND FUTURE PROSPECTS.

California, University, Food Protection and Toxicology Center Davis, Calif. 93 p. 1972.

TP373.C3 FEN

Food packaging, Food standards and legislation, Labeling, Sealers.

Abstract: This booklet contains the proceedings of seminar of government, industry, and education professionals. The collection of papers and speeches scrutinizes the five-year-old Fair Packaging and Labeling Act, reviewing FPLA's past and addressing current and future problems such as nutrition labeling, open dating, and unit pricing.

674-73

CAPITOL ACTION: HOW A BILL BECOMES A LAW. PART 1.

Sch Foodserv J 27 (1): 17-19, Jan 1973.

389.8 SCH6

Laws, Legislation.

Abstract: A diagrammatic and textual review of steps by which federal government proceeds to enact a law.

675-73

CAPITOL ACTION: INS AND OUTS OF LEGISLATION. 2.

Sch Foodserv J 27 (2): 61-62, 64-65, 67, Feb 1973.

389.8 SCH6

Laws, Legislation.

Abstract: Explains terms heard in connection with the federal legislative process, and shows the correct way to write a letter to various members of the Congress, and other government officials. This is the second of a two-part series.

676-73

CHALLENGE TO THE SEMINAR.

John Perryman

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin, Univ. of Tenn., 1969 p 11-15. June 1972, 1969.

LB3479.U5T4 1969 FEN

Federal programs, School food service.

Abstract: Review of Federal Programs legislation on School Food Service.

677-73

CHANGES IN THE LAW AND NEW LEGISLATION---WHAT IT MEANS.

John C Stalker

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 24-44. July 12/24, 1970.

LB3479.U5M3 FEN

Financial support, Free lunches, Laws, Legislation, School lunch programs.

Abstract: The speaker opened by discussing Public Law 91-248, covering "some of the things which this law does in amending the three basic laws under which we now operate--the National School Lunch Program, the Child Nutrition Act, and the Social Food Service Program for Children." he concluded with a discussion on the school lunch budget and the congressional attitude towards the budget.

678-73

A COMMENTARY ON THE NEW F.D.A. NUTRITION LABELING REGULATIONS.

Paul A Lachance

Nutr Today 8 (1): 18-22, Jan/Feb 1973.

RA784.N8

Food and Drug Administration, Food standards and legislation, Labeling, Nutrient values.

Abstract: The author interprets and comments on the FDA nutrition labeling regulations, which he characterizes as "an extensive potpourri of interwoven proposals, tentative orders, and firm regulations." He concludes that "the regulations are not perfect. Only time will reveal their flaws. The effort does, however, show the application of a great deal of patient work and wisdom."

679-73

CONFUSING LAWS COMPLICATE MARKETING PICTURE FOR NEW PRODUCTS.

Kenneth E Mulford

Food Prod Dev 6(6): 102-106, Oct 1972.

HD9000.LF64

Food additives, Food standards and legislation, Marketing, New products.

Abstract: This article enumerates and elucidates some of the laws affecting food additives and the introduction of new food products.

680-73

THE DEVELOPMENT OF A NATIONAL NUTRITION POLICY.

D Mark Hegsted

J Am Diet Assoc 62 (4): 394-398, Apr 1973.

389.8 AM34

Administration policies, Federal government, Fortification agents, Labeling, Nutrition, Nutrition education.

Abstract: A national nutrition policy for the U.S. must assure that every American receives an optimal diet. What is implied in working toward this goal? Certainly, income adequate to buy essential food is needed. But, for proper disposal of income, a major program in nutrition education needs to be mounted. Problems of labeling remain, even with the FDA's recently announced nutrition labeling regulations. There are also problems of food fortification to provide the necessary professional inputs in formulating a national nutrition policy, the

various professional societies in the field need a unified voice. Thus, formation of a consortium of professional societies is proposed.

681-73

EMPHASIZE PRODUCT IDENTITY ON LABELS.

Leonard A. Olson

Food Prod Dev 5 (6): 84. Oct 1971.

HD9000.1.F64

Cheese, Food and Drug Administration, Labeling, Merchandising. Abstract: This article discusses FDA's effort to bring about clearer and more obvious differentiation between the labeling of pasteurized process cheese and pasteurized process cheese food.

682-73

FDA SEEKS SIMPLE, FAST MICROBIOLOGICAL CONTROLS.

Joseph C. Olson

Food Prod Dev 5 (6): 108-114. Oct 1971.

HD9000.1.F64

Analytical methods, Food and Drug Administration, Food standards and legislation, Microbial contaminants, Microbiology. Abstract: The FDA is attempting to develop microbiological criteria for foods. The standards presently used specify microbial limits which, when coupled with plant inspection showing substantial unsanitary conditions, provide a basis for subsequent actions. This article reports on new development efforts.

683-73

FDA'S QUALITY ASSURANCE PROGRAMS--TOOLS FOR COMPLIANCE.

F. C. Majerack

Food Technol 25 (10): 38-40. 42. Oct 1971.

389.8 F7348

Consumer protection, Food and Drug Administration, Food industry, Food quality, Food standards and legislation. Abstract: The FDA uses a variety of tools in executing its compliance mission. The Cooperative Quality Assurance Program is one of the tools. It is the umbrella program under which fall the two existing quality assurance projects, the Quality Systems Development Project. These projects are described in detail in this article.

684-73

FF PACKERS UNDER THE GUN TO MEET NUTRITIONAL LABELING DEADLINE.

Quick Frozen Foods 35 (8): 18. Nov 1973.

389.8 Q4

Food standards and legislation, Frozen foods, Labeling, Nutrient values.

Abstract: At the time of this article, frozen food packers only had 22 months to use up labels and packaging that did not meet the new nutritional labeling regulations promulgated by the Food and Drug Administration. The principle labeling regulations applicable to frozen food processors are enumerated in the article.

685-73

FOOD LABELING REGULATIONS.

Natr Today 8 (11): 14-15. Jan/Feb 1973.

RA784.V8

Food and Drug Administration, Food standards and legislation, Labeling, Nutrient values. Abstract: This is the official summary of the regulations published in the Federal register, January 19, 1973. The regulations cover nutrition labeling. Food label information: labeling for cholesterol, fats, and fatty acids; special dietary use label statements; definition, identity, and labeling of vitamins and minerals; standardized food labeling; labeling of flavors and spices; exceptions from labeling; imitation foods; coloring and paraffins; label declaration of ingredients in standardized foods; and prescriptive requirements for manufacturers, packers, and distributors of foods.

686-73

FORUM: VOLUNTARY FOOD STANDARDS.

A. H. Vogel

Food Technol 26 (11): 57-64. Nov 1972.

389.8 F7398

Consumer education, Consumer education, Food standards and legislation.

Abstract: The forum on voluntary food standards at the 1972 IFI annual meeting presented speakers who discussed the consumer view of voluntary food standards; international voluntary standards; voluntary vs mandatory standards; and consensus standards mechanisms. This forum summarizes these papers.

687-73

FROZEN DINNER NUTRITIONAL CONTENTS EQUATED WITH GOVERNMENT GUIDELINES.

Quick Frozen Foods 34 (7): 42-43. 55. Feb 1972.

389.8 Q4

Convenience foods, Food composition, Food standards and legislation, Frozen foods, Nutrients.

Abstract: This article points out that the popular 3-course frozen dinners are not adequately covered by proposed federal standards for nutritional content. Processors are not sure how the rule will apply to their products, especially since many such dinners do not conform to the definition of the dinner as containing "a protein source, a potato, rice, or cereal-based item, and a vegetable." Also, frozen dinners are not necessarily eaten as a complete meal in themselves. The article calls for clearer federal policy in this area.

688-73

FROZEN FOOD STANDARDS AND REGULATIONS--AN INDUSTRY VIEW.

C. Gessaigne

Food Technol 25 (5): 66, 70, 72. May 1971.

389.8 F7398

Food preservation, Food standards and legislation, Freezing, Frozen foods, Labeling.

Abstract: During the last decade the development of new products, processes and markets in the frozen food industry has been accompanied by an increased emphasis on standards. Industry generally supports meaningful frozen food handling and storage regulations, but is opposed to date marking and defrost indicators. Product condition should be the primary consideration in food handling judgements. Future standards must not only protect the consumer, but also protect the industry.

689-73

THE GOVERNMENT'S ROLE IN QUALITY ASSURANCE.

Richard E. Lyng

Food Technol 24 (10): 52, 54, 56. 1970.

389.8 F7398

Consumer education, Consumer protection, Food and Drug Administration, Food quality, Food standards and legislation, U.S. Dept. of Agriculture.

Abstract: The government's role in food quality assurance is stimulated by the needs, demands and wishes of the consumer, and it is established by law. Many agencies are involved in food protection. Even though the two agencies having the major burden in food protection--FDA and USDA--have expanded their activities rapidly in the past 10 years, consumer groups are calling for more laws and regulations. The author proposes that future government responsibilities in consumer protection be based on the principle of cost versus risk. He calls for a much greater dependence on the food industry's own quality control system, and asks the cooperation of industry food technologists in establishing a sound scientific basis for quality assurance.

690-73

THE CASE AGAINST HUNGER: A DEMAND FOR A NATIONAL POLICY.

Ernest F. Hallinga

New York, Cowles 276 p. 1970.

HD9000.H58 FEN

Administration policies, Deficiency diseases and disorders, Federal government, Food economics and consumption, Hunger, Malnutrition, Mental development.

Abstract: This study of the causes and effects of hunger in America shows how the belief that the hungry are responsible for their own poverty has led to widespread indifference, and how government red tape has hampered efforts to alleviate hunger. It concludes with a detailed plan to eliminate hunger.

691-73

IFEC TACKLES NUTRITION LABELING.

Sch Foodserv J 26 (10): 61-62. Nov/Dec 1972.

389.8 SCH6

Food service industry, Nutritional labeling.

Abstract: Food and Drug Administration and IFEC (Institutional Food Editorial Council) tackle the nutritional labeling problems of the food service industry.

692-73

AN INDUSTRIAL VIEW OF NUTRITIONAL LABELING AND NUTRITION EDUCATION.

E. R. Wedral

Food And Nutr News 44 (3/4): 1-4. Dec/Jan 1972/1973.

389.8 F7332

Costs, Energy, Food preferences, Food preservation, Food processing, Food service industry, Food standards and legislation, Labeling, Nutrition education.

Abstract: The food industry is committed to labeling. The question is how. Food processors feel needs vary from those suggested by food fabricators. How should energy content of food be indicated? A survey indicates that the consumer is interested in nutritional labeling, but does not use it, and continues to make his choice primarily of taste and price.

693-73

INGREDIENT LABELING.

H. W. Howard

Food Technol 25 (5): 18, 19, 20. May 1971.

389.8 F7398

Consumer education, Food standards and legislation, Labeling.

Abstract: The demand for more informative labeling of foods is increasing. Neither quantitative listing nor qualitative listing alone will provide the consumer with the understanding of what she is buying. An intensive program of consumer education integrated with more informative labeling is necessary. The food technologist has an important role in assuring that the regulations adopted for ingredient labeling are sound, feasible, and intelligible to the consumer.

694-73

LABELLING STANDARDS AND SOME USES OF MEAT ANALOGS IN NEW MEAT PRODUCTS.

Richard H. Alsmeyer

In Proceedings of the Northeast School Food Service Seminars,

Univ. of Massachusetts, 1970 p 276-281. July 12/24, 1970.

L83479.U5H3 FEN

Meat, Meat specifications, Poultry.

Abstracts: Meat and poultry plus analog situation is presented as it has been affected by new labeling and product standards.

PAGE 59

699-73

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699-73

LEGAL DEVELOPMENTS: FDA RELEASES LABELING REGULATIONS.
 Food Prod Dev 7 (11): 10-15, Feb 1973.
 HD9000.1.F64

Feed analysis, Food and Drug Administration, Food standards and legislation, Labeling, Minerals, Proteins, Recommended Dietary Allowances, Vitamins.
 Abstract: This article provides definitions and explanations of the new FDA labeling regulations as regards servings, proteins, vitamins, minerals, compliance, testing, nutritional claims, health foods, special dietary foods, imitation foods, ingredient listing, cholesterol, fat, and fatty acid.

696-73

LEGAL REQUIREMENTS FOR FOOD SAFETY.

Curtis R Jolner
 Cornell Hotel And Restaurant Admin Quarterly 13 (1): 33-36, May 1972.

TX901.C67

Additives and adulterants, Consumer protection, Ecology, Food additives, Food sanitation, Food standards and legislation, Microbial contaminants, Safety.
 Abstract: Future food regulations can be predicted by studying present-day controls and trends. This article discusses the major hazards likely to be found in foods and the sections of the Food, Drug and Cosmetic Act that deal with them: microbial hazards, fungi toxins, environmental contamination, and food additives.

697-73

MEAL REQUIREMENTS FOR LUNCH PROGRAMS OFFER FLEXIBILITY.

M A Moss, B H Sheehan
 Sch Lunch J 25 (4): 50-51, 54, Apr 1971.

389.8 SCH6

Food standards and legislation, Menu design, School lunch service, School lunch programs, Type A lunch.
 Abstract: USDA interprets its school lunch regulations, from Section 210.10, "How do you sell the Type A lunch?": free choice, nutrients required, portion adjustment, engineered foods and many other points are covered.

698-73

MEAT EVALUATION HANDBOOK.

National Live Stock and Meat Board
 Chicago, Ill. 70 p. illus. 1969.

TX373.N3 F6N

Beef, Evaluation, Food grades, Food quality, Guides, Lamb, Meat, Pork.

Abstract: This booklet is designed to provide information about characteristics of various meats, the qualities sought in the evaluation of meat, and the nomenclature used in the meat industry. The three animal meats analyzed are beef, lamb, and pork.

699-73

NUTRIENT LABELING....PURPOSE AND APPROACH.

H E Bauman
 Food Technol 25 (6): 47, 48, 49, Jun 1971.

389.8 F7398

Food standards and legislation, Labeling, Nutrient content determination, Nutrient values.
 Abstract: With increases in population, nutrient production must expand, and food feedists cannot be allowed to set policy for future food production. Consequently, better education of the consumer with regard to nutrition is necessary, and nutrient labeling is one means of accomplishing this. The purpose of nutrient labeling is to inform the consumer how much of what nutrients a food product contains. The current form of labeling doesn't seem much to the consumer because the terminology is foreign to her. To determine the wording to properly communicate with the average consumer with little nutrition education will require consumer testing of proposed labeling systems. FDA has requested that the Consumer Research Institute consumer test three labeling systems.

700-73

NUTRITION LABELING.

Margaret R Stewart
 Nutr Progress News 4 8, Jul/Aug 1972.

1.982 A2M55

Consumer education, Labeling, Recommended Dietary Allowances.
 Abstract: Preliminary research on proposed nutritional labeling formats was carried out through controlled testing, questionnaires, and in-store tests. It was found that most consumers liked and used nutritional labeling, that they were able to pick out the more nutritious products, and that their awareness and understanding of nutrition increased. Of the proposed labeling formats a numerical percentage format seemed slightly preferable. Eighty per cent of the sample in one study understood all the formats, while lower income participants found numerical or graphical presentations more helpful than objectives, and poorly educated participants like percentages but found adjectives confusing and pictures silly.

701-73

NUTRITION LABELING--MORE INFORMATION TO HELP THE CONSUMER SELECT FOODS.

B Peterkin
 Family Econ Review ARS 62-5: 6-8, Sep 1972.
 A321.9 A31

Consumer education, Food selection, Food service industry, Labeling, Nutrient values.

Abstract: If food manufacturers label foods for their nutrient content, as proposed in a new Food and Drug Administration program, the consumer could learn the nutritive value of a serving of food contained in a package or can by reading the label.

702-73

NUTRITION LABELING: MORE INFORMATION TO HELP THE CONSUMER SELECT FOODS.

Betty Peterkin
 Family Econ Review 6-8, Sep 1972.

A321.9 A31

Consumer education, Consumer protection, Food and Drug Administration, Labeling, Nutrient content determination, Nutrient values, Recommended Dietary Allowances.
 Abstract: A controversy has been raging among food producers over what and how to label their products to accurately show nutritional content. This article makes some suggestions for accurate labeling.

703-73

NUTRITION NOTES: THE NUTRIENT LABELING DILEMMA.

Food Prod Dev 5 (3): 95, May 1971.

HD9000.1.F64

Consumer education, Food composition (A.P.), Food groups, Food processing, Food standards and legislation, Labeling.
 Abstract: This article deals with two topics. The first, having to do with labeling, discusses the impending FDA nutritional guidelines and how they, coupled with consumer demands for full ingredient disclosure, will affect the marketing of products. The second topic deals with the four basic food groups and whether or not they have become obsolete, given the fact that ingredient labeling will carry much chemical and nutrient information about food that is not readily recognizable as belonging to one of these four groups.

704-73

NUTRITIONAL GUIDELINES - THE HOW, THE WHY, AND THE WHEN.

James L Breeling
 J Am Diet Assoc 59 (2): 102-105, Aug 1971.

389.8 AM34

Dietary standards, Food and Drug Administration, Food standards and legislation, Guidelines, Labeling, Nutrient values.
 Abstract: Reports of inadequate nutrition in the U.S. population triggered a reassessment of the Food and Drug Administration's program of food standards and labeling. New guidelines to the nutritional quality of processed foods were proposed. The author discusses the rationale behind some of the proposed changes.

705-73

NUTRITIONAL GUIDELINES AND LABELING.

James D Grant
 J Am Diet Assoc 60 (3): 381-383, May 1972.

389.8 AM34

Food and Drug Administration, Food packaging, Food standards and legislation, Labeling, Nutrient values, Recommended Dietary Allowances.
 Abstract: In implementing recommendations of the White House Conference on Food, Nutrition, and Health, the Food and Drug Administration has adopted entirely new philosophies with respect to both content and labeling of processed foods. Development of the FDA's programs for nutritional guidelines and nutrient labeling are discussed in this article.

706-73

NUTRITIONAL GUIDELINES AND THE LABELING OF FOODS.

Judith A Cooke
 J Am Diet Assoc 59 (2): 99-101, Aug 1971.

389.8 AM34

Dietary standards, Food and Drug Administration, Food standards and legislation, Guidelines, Labeling, Nutrient values, Nutrition education, Synthetic foods.
 Abstract: The Food and Drug Administration proposal for revising its food labeling policies is described. With it, the author suggests that new nutritional guidelines by food class and nutritional labeling offer a first step in a badly needed, comprehensive nutrition education program for the populace. The problems to be faced in formulated guidelines for fabricated foods are also considered.

707-73

NUTRITIONAL LABELING: A NEED FOR CAUTION.

Food Prod Dev 5 (4): 6, Jun/Jul 1971.

HD9000.1.F64

Analytical methods, Consumer education, Food standards and legislation, Labeling, Nutrient content determination.
 Abstract: The author feels that an overzealous response to nutrient labeling demands can lead to a nutritional "arms race" which will only alienate consumers and discredit the food standards. The growth of food technology has outstripped the growth of nutritional knowledge. This gap must be closed before nutritional labeling can be successful. At present accurate labeling would be burdensome to the food industry, since it would require considerable effort and cost for them to determine exactly what their products do contain. These costs would, of course, be passed on to the consumer.

704-73

NUTRITIVE LABELING.

M J Babcock

Food Technol 25 (11): 66-67. Nov 1971.

369.6 F7394

Food classification, Food standards and legislation, Formula-ted foods and specialized products, Nutrient values.
 Abstract: The article proposes a rating system for comparing nutritional value of enriched, fortified and fabricated foods with a familiar standard.

709-73

OBSERVATIONS: INDUSTRY COMMENTS ON NUTRITIONAL LABELING.

Food Prod Dev 6 (5): 6. Aug/Sept 1972.

HD9000.L.F64

Consumer education, Food and Drug Administration, Food standards and legislation, Labeling, Recommended Dietary Allowances.
 Abstract: This editorial comments on the National Dairy Council's comments on the proposed federal guidelines for nutritional labeling. The NDC proposes establishment of a nutritional data bank to be operated by the FDA and which would provide meaningful nutritional labeling statements in the best interest of the consumer. The editorial quotes a series of remarks by Paul A. Lachance, critical of the whole proposed method of educating the consumer via the label. The editor advises extreme caution in implementing nutritional labeling, since so many sound thinkers have found so many flaws in the guidelines.

710-73

OBSERVATIONS: NUTRITIONAL LABELING, HOWEVER IMPERFECT, IS HERE.

Food Prod Dev 6(3): 6. May 1972.

HD9000.L.F64

Consumer economics, Consumer protection, Food and Drug Administration, Food composition (A.P.), Food standards and legislation, Labeling, Recommended Dietary Allowances.
 Abstract: This editorial advises food manufacturers to respond to the FDA's request for help in defining the kinds of proteins and fats used in foods and how such proteins and fats should be labeled on food packages for the benefit of the consumer. The FDA also requests suggestions on the issue of Recommended Dietary Allowances and their labeling.

711-73

OPEN DATING: THE KEY TO FRESH FOODS FOR CONSUMERS.

Frank Annunzio

Congr Record E 1766-1757. Mar. 22, 1973.

J11.R4

Labeling, Legislation, Open dating.
 Tear sheet.

Abstract: Rep. Annunzio has cosponsored H.R. 1654, the Open Dating Perishable Food Act, which would require that meaningful pull dates be included in the labeling of all foods, except for fresh fruits and vegetables, that are likely to spoil, or lose nutritive value or palatability as they age. In this statement, he describes the details and purposes of this act, and urges his colleagues to support it.

712-73

OTHER FEDERAL REGULATIONS AFFECTING FOOD PACKAGING.

Stanley Secherow

Food Prod Dev 4(8): 45-50. Dec/Jan 1971.

HD9000.L.F64

Food packaging, Food standards and legislation, Laws, Nutritional labeling.

Abstract: The author describes several government food packaging regulations which he neglected to mention in a previous article. The color additive amendment is discussed, as well as the Federal Packaging and Labeling Act. Overlapping regulations of the FDA and the USDA are explained, and the procedure for gaining Federal approval for a new food packaging scheme is described.

713-73

PACKAGING AND LABELING - CURRENT TRENDS AND LEGALITIES.

Mary T O'Brien

Food Prod Dev 6(5): 60-61. Oct 1972.

HD9000.L.F64

Food packaging, Food standards and legislation, Labeling.

Abstract: This article reports on new packaging and labeling recommendations proposed by two groups in an effort to clarify labeling practices and the voluntary nutritional labeling scheme proposed by FDA. The two groups are a task force of the Grocery Manufacturers of America and a subcommittee of a Presidential Advisory Panel operating under Dept. of Commerce.

714-73

MILDSOPHY AND GUIDELINES FOR NUTRITIONAL STANDARDS FOR PROCESSED FOODS.

Food Technol 25 (1): 36, 38. Jan 1971.

369.6 F7395

Convenience foods, Food processing, Food standards and legislation, Fortification agents, Labeling, Processed foods.

Abstract: Recent trends in food production, processing and consumption suggest that existing policies for ensuring nutritional adequacy of the food supply may no longer be as effective as desired. A critical review of these factors by a working group representing several countries and many disciplines has indicated that increasing emphasis must be placed on nutritional aspects of food standards. It recommended that: Nutrient content and safety considerations be given full considera-

tion in the development of new varieties of plants and domestic animals; Nutrient content and safety be studied and properly monitored in the processing, distribution and storage of conventional foods; Enrichment of conventional foods be continued according to present policy to overcome specific nutritional deficiencies. Nutrient content of fabricated foods be related to their place in the diet; Nutrient content of foods that substitute for or simulate traditional foods be similar to that of the food they are intended to replace; and Fabricated foods used as meal replacements contain all the necessary nutrients in proportion to their caloric content.

715-73

POLICY STATEMENT OF THE AMERICAN DIETETIC ASSOCIATION ON NUTRITION LABELING.

American Dietetic Association

J Am Diet Assoc 60 (3): 223. Mar 1972.

369.6 AH34

Food packaging, Food standards and legislation, Labeling.
 Abstract: The American Dietetic Association's Policy with regard to labeling is as follows: Information on the label should include nutrients and ingredients for a designated size serving of the food: (1) calories, (2) protein, (3) fat, (4) available carbohydrate, and (5) other nutrients in amounts present. If 5 per cent or more of the Recommended Dietary Allowance. All the ingredients in the product should be listed on the label in descending order of the amount in the product. The common names of fats, oils, and starches and actual sweetening agents used in formulated foods should be listed. Manufacturers and processors should continue to expand and develop means of making available additional accurate information when requested by health professionals and other interested consumers.

716-73

POVERTY GUIDELINES ANNOUNCED.

Richard E Lyng, C M Herdin

Sch Lunch J 25 (1.e. 24, 9): 49. Oct 1970.

369.6 SCH6

Consumer economics, Low income groups, School lunch programs.
 Abstract: Poverty guidelines announced by the Secretary of Agriculture and the Assistant Secretary of Agriculture effective Jan. 1, 1971, which affect serving of free or reduced cost lunch in schools receiving Federal school lunch cash.

717-73

DEVELOPMENT NEWS: DEL MONTE TO USE PROPOSED NUTRIENT LABELING, TO... COST FOR DATA AT \$250,000.

Food Prod Dev 6(7): 6. 1972.

HD9000.L.F64

Labeling, Nutrient values.

Abstract: The Del Monte Corporation has redesigned its labels to conform to proposed standards. Analyses of 120 basic products for 19 nutrients and caloric content were conducted at a cost of less than \$2,000 a product. The nutritional values shown on the labels are averages of a representative sampling adjusted to reflect natural variation.

718-73

SOME CONSIDERATIONS FOR NUTRITIONAL LABELING.

Paul A Lachance

Food Prod Dev 6(7): 53-60. Nov 1973.

HD9000.L.F64 (Nutrition for food executives: second in a series)

Consumer education, Dietary standards, Food standards and legislation, History, Labeling, Nutrient values.

Abstract: The author provides a history of nutrient labeling and discusses the pros and cons. He presents a number of problems that need to be recognized and altered: first, the RDA for various age groups must be idealized to permit its use in labeling applicable to all consumers; pregnant and lactating women, and stressed individuals; secondly, the labeling program should consider the biological quality (utilizability) of a protein, since it is for all practical purposes unavailable in many food products; thirdly the labeling method should be compatible with menu planning on a nutrient standard basis; and lastly, the cost of nutritional labeling must be considered. Survey information indicates the cost is justified. A prefatory note discusses the pending "final" order for nutritional labeling.

719-73

SOUNDS FROM CAPITAL HILL: MORE REGULATION, MORE RESTRICTIONS.

Inst/vo1 Feeding 70 (7): 33-37. Apr 1, 1972.

TX820.I5

Advertising, Food guides, Food sanitation, Food standards and legislation, Labeling, Safety.

Abstract: This article is a summary and commentary on various bills before Congress and federal regulations dealing with labeling, food safety, advertising, crop bargaining, food guides, and state laws.

720-73

STANDARDS, LABELING, EDUCATION TO IMPROVE THE DIET.

Food Prod Dev 5(2): 64-65. Apr 1971.

HD9000.L.F64

Consumer education, Diet improvement, Food and Drug Administration, Food composition (A.P.), Food standards and legislation, Labeling.

Abstract: This article outlines three areas in which the FDA can operate to improve the diet of the U.S. population: (1) the establishment of nutritional quality standards for foods,

PAGE 61

721-73

(2) the improvement of nutritional labeling in such a way as to provide ingredient information and at the same time educate the consumer as to the nutritional import of such ingredients, and (3) the expansion and modification of fortification standards so that fortified foods will be significantly different nutritionally from non-fortified foods, and so such foods will make up for present deficiencies in the daily American diet.

721-73

TWO NUTRITIONAL LABELING SYSTEMS.

M J Babcock, Margaret M Murphy

J Am Diet Assoc 52 (3): 155-151. Feb 1973.

389.8 AM34

Consumer economics, Food packaging, Food standards and legislation, Labeling, Marketing, Merchandising, Recommended Dietary Allowances, Surveys.

Abstract: The effectiveness of "feed equivalent" (FE) labels (pie-chart graphs expressing nutritional values by comparison with reference foods) and labels listing eight nutrients as percentages of the Recommended Dietary Allowances per serving were compared in a market test. The FE labels were more effective in guiding typical consumers to buy the more nutritious foods. They would also be less costly to consumers. Interviews with 184 customers showed a seven-to-one preference for the FE label. Eighty-four per cent wanted nutritional labeling on all foods, but over half who examined the lists of nutrients said they were confusing or gave too much information.

722-73

H.R. 9098 - A BILL TO EXTEND AND AMEND CERTAIN PROVISIONS OF THE CHILD NUTRITION ACT AND OF THE NATIONAL SCHOOL LUNCH ACT; 92D CONGRESS, 1ST SESSION, 1971.

U.S., Congress, House

Washington, D.C. 3 p. 1971.

LB3470.US 1971 9098

Disadvantaged youth, Federal government, Financial support, Institutional feeding, Laws, Legislation, School breakfast programs.

Abstract: This bill seeks to extend and amend the Child Nutrition Act of 1966 in regard to appropriations for breakfast programs, disbursements to schools, selection of schools for participation, and food service for children in service institutions.

723-73

PUBLIC LAW 91-248, 91ST CONGRESS, H.R. 515.

U.S., Congress, House

Washington, D.C. 7 p. 1970.

HD9000.7.US 1970

Administration, Federal government, Free lunches, Laws, Legislation, National School Lunch Program, Nutrition education.

Abstract: An act to amend the National School Lunch Act and the Child Nutrition Act of 1966 to clarify responsibilities related to providing free and reduced-price meals and preventing discrimination against children; to revise program matching requirements; to strengthen the nutrition training and education benefits of the program; and otherwise to strengthen the food service programs for children in schools and service institutions.

724-73

H.R. 7934 - A BILL TO EXTEND AND AMEND THE CHILD NUTRITION ACT OF 1966.

U.S., Congress, House

Washington, D.C. 2 p. 1971.

LB3479.US 1971 7934

Disadvantaged youth, Federal government, Financial support, Laws, Legislation, School breakfast programs.

Abstract: This bill seeks to extend and amend the Child Nutrition Act of 1966 in regard to appropriations for breakfast programs, disbursements to schools, and selection of schools for participation.

725-73

H.R. 1654 - A BILL TO AMEND THE FAIR PACKAGING AND LABELING ACT TO REQUIRE CERTAIN LABELING TO ASSIST THE CONSUMER; 93D CONGRESS, 1ST SESSION, 1973.

U.S., Congress, House

Washington, D.C. 11 p. 1973.

HD9000.7.JS 1973 1654

Food packaging, Food standards and legislation, Laws, Legislation.

Abstract: This bill amends the Fair Packaging and Labeling Act to require certain labeling to assist the consumer in purchases of packaged perishable or semiperishable foods.

726-73

CHILDREN'S FOOD SERVICE PROGRAMS - CONFERENCE REPORT; 91ST CONGRESS, 2ND SESSION, 1970; HOUSE REPORT NO. 91-1032.

U.S., Congress, House

Washington, D.C. 10 p. 1970.

LB3479.US 1970 FS4

Child nutrition programs, Federal government, Financial support, Free lunches, Laws, Legislation, National School Lunch Program, Nutrition education.

Abstract: This is the report of the committee of conference on the disagreeing votes of the two Houses on the amendment of the Senate to the bill (H.R. 515) to amend the National School Lunch Act and the Child Nutrition Act of 1966 to clarify responsibilities related to providing free and reduced-price meals and preventing discrimination against children; to revise program matching requirements; to strengthen the nutri-

tion training and education benefits of the program; and otherwise to strengthen the food service programs for children in schools and service institutions.

727-73

HEARINGS, NINETY-SECOND CONGRESS, FIRST SESSION, ON NUTRITION AND HUMAN NEEDS; PART 6 - SUMMER FEEDING PROGRAM AND USDA DECISION TO WITHHOLD FUNDS FOR SECTION 32.

U.S., Congress, Senate, Select Committee on Nutrition and Human Needs

Washington, D.C. 232 p. 1971.

KF26.5.N8 1971 Pt 6 FM

Administration policies, Disadvantaged youth, Federal government, Financial support, Hearings, History, Low income groups, Summer programs, Supplemental feeding programs.

Abstract: The hearing of June 25, 1971 was held as a result of a Dept. of Agriculture decision to spend \$15 million less than was required to fulfill commitments made for the summer feeding program in 1971. This decision was later reversed and the full appropriation allocated. The hearing includes statements from the mayors of Detroit and Newark and the program administrators of Los Angeles County and San Antonio. Appendices include material submitted by witnesses and pertinent newspaper articles. The hearing held on July 22, 1971, covered the USDA's decision to withhold funds from the supplemental feeding program. Witnesses from Detroit and Washington State testified as to the need for this program, and submitted material, included in the appendices, to corroborate their testimony.

728-73

HEARINGS, NINETY-SECOND CONGRESS, FIRST SESSION, ON NUTRITION AND HUMAN NEEDS; PART 8A - FOOD DISTRIBUTION PROGRAM.

U.S., Congress, Senate, Select Committee on Nutrition and Human Needs

Washington, D.C. 303 p. 1971.

KF26.5.N8 1971 Pt 8A

Donated foods, Federal government, Food distribution programs, Food economics and consumption, Food preferences, Food standards and legislation, Hearings, Low income groups, Surplus commodities.

Abstract: This publication includes the first two of a series of four hearings on the food distribution program. The first hearing consisted of testimony from commodity recipients who indicated that the program was too burdensome to be effective and that the distributed foods were of generally poor quality. Much sentiment was expressed for the replacement of commodities by food stamps. The second hearing included testimony from food industry representatives and food professionals as to how the distribution program could be improved.

729-73

HEARINGS, NINETY-SECOND CONGRESS, FIRST SESSION, ON NUTRITION AND HUMAN NEEDS; PART 10 - MICRONUTRIENT SUPPLEMENTS FOR SCHOOL LUNCH PROGRAM.

U.S., Congress, Senate, Select Committee on Nutrition and Human Needs

Washington, D.C. 81 p. 1971.

KF26.5.N8 1971 Pt 10

Dietary standards, Dietary supplements, Food economics and consumption, Hearings, Nutrient excesses, Nutrition education, Nutritional status, School lunch programs.

Abstract: The purpose of the hearing was to explore the nutritional needs of Americans, especially young people, and to look at the addition of vitamin and mineral supplements to the School Lunch Program as a possible solution in terms of both effectiveness and economy. The committee was interested in discovering the extent of micronutrient deficiencies and changes in dietary trends across the nation, and to look at vitamin and mineral deficiencies in terms of economic as well as nutritional costs. The possibility of expanding the Type A, basic, lunch to include a dietary supplement containing 100 percent of the recommended daily allowances of vitamins and minerals was brought to the attention of the committee in testimony detailing the progress that has been made in developing such a supplement.

730-73

HEARINGS, NINETY-SECOND CONGRESS, FIRST SESSION, ON NUTRITION AND HUMAN NEEDS; PART 8B - FOOD DISTRIBUTION PROGRAM.

U.S., Congress, Senate, Select Committee on Nutrition and Human Needs

Washington, D.C. 126 p. 1971.

KF29.5.N8 1971 Pt 8B

Donated foods, Federal government, Food distribution programs, Food economics and consumption, Food packaging, Food standards and legislation, Hearings, Program administration, Surplus commodities.

Abstract: The third hearing on the Food Distribution Program heard testimony from state and county directors discussing their role vis-a-vis the USDA in running the program, problems they have had with operating expenses and the success some localities have had utilizing volunteers and recipients in program operations. In the fourth hearing the committee heard testimony from the Assistant Secretary in charge of the program.

731-73

STANDARDS FOR MEAT & POULTRY PRODUCTS; A CONSUMER REFERENCE LIST.

U.S., Consumer and Marketing Service

Washington, D.C. 5 p. 1971.

IX537.U5 FEN (U.S. Consumer and Marketing Service. CENS-85) Food standards and legislation. Meat, Poultry. Extract: To be labeled with a particular name, such as "beef with gravy" or "chicken soup", a federally inspected meat or poultry product must be approved by the U.S. Department of Agriculture as meeting specific product requirements. Listed are products for which percentages of meat, poultry or other ingredients have been established. This list does not include all products for which requirements have been set, nor does it necessarily include all requirements for those products that are listed.

732-73

DAIRY INSPECTION AND GRADING SERVICES. U.S., Consumer and Marketing Service. Washington, D.C. 13 p. 1969. SF255.U5 FEN (U.S. Consumer and Marketing Service. Marketing bulletin no. 48) Food grades, Food inspection regulations, Food standards and legislation, Milk, Milk products. Abstract: The Dairy Division of the U.S. Department of Agriculture's Consumer and Marketing Service affords four major programs to improve the quality, manufacture, and distribution of dairy products. These are the plant survey, inspection and grading service, laboratory service, and resident grading and quality control service. These services are offered to the dairy industry on a voluntary basis. Those wishing to use the services must request them, and pay a fee commensurate with the cost of providing them.

733-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR FRESH PORK--SERIES 400; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington VI, 5 p. 1971. HD9436.U5 Institutional feeding, Meat specifications, Pork, Purchasing. Effective Nov. 1971. Extract: These specifications contain descriptions of various pork products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

734-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS: GENERAL REQUIREMENTS. U.S., Consumer and Marketing Service, Livestock Division. Washington 7 p. 1971. HD9440.J522 Institutional feeding, Meat delivery, Meat grades, Meat packaging, Meat specifications, Purchasing. Effective Aug. 1971. Extract: The U.S. Department of Agriculture, through its Meat Grading Branch, makes a Meat Acceptance Service available to large-volume users of meat. This service is designed to assure such persons that meats they purchase comply with detailed specifications approved by USDA. This publication prescribes general requirements for inspection, packaging, packing, and delivery of these meats and meat products and for the examination, acceptance and certification of these products by USDA meat graders.

735-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR PORTION-CUT MEAT PRODUCTS--SERIES 1000; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington 21 p. 1970. HD9440.U52 Institutional feeding, Meat products, Meat specifications, Purchasing. Effective March 1970. Extract: These specifications contain descriptions of various beef, lamb and mutton, veal and calf, and pork portion-cut products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which meats supplied are examined, accepted, and certified by Federal meat graders.

736-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR SAUSAGE PRODUCTS--SERIES 800; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington 20 p. 1970. HD9440.U5 Institutional feeding, Meat specifications, Purchasing, Sausage. Effective March 1970. Extract: These specifications contain descriptions of various sausage products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

737-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR FRESH BEEF--SERIES 100; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington 15 p. 1969. HD9433.U5

Beef, Institutional feeding, Meat specifications, Purchasing. Effective March 1970. Extract: These specifications contain descriptions of various fresh beef products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

739-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR FRESH LAMB AND MUTTON--SERIES 200; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington III, 3 p. 1964. HD9436.U5 Institutional feeding, Lamb, Meat specifications, Purchasing. Effective July 1970. Extract: These specifications contain descriptions of various fresh lamb and mutton products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

739-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR EDIBLE BY-PRODUCTS--SERIES 700; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington 4 p. 1970. HD9424.U505 Institutional feeding, Meat by-products, Meat specifications, Purchasing. Effective January 1971. Extract: These specifications contain descriptions of various edible byproducts customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

740-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR CURED, DRIED, AND SMOKED BEEF PRODUCTS--SERIES 600; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington 6 p. 1971. HD9433.U522 Cured beef products, Dried beef products, Institutional feeding, Meat specifications, Purchasing, Smoked beef products. Effective January 1970. Extract: These specifications contain descriptions of various cured or otherwise processed beef products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

741-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR CURED, CURED AND SMOKED, AND FULLY COOKED PORK PRODUCTS--SERIES 500; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington V, 7 p. 1971. HD9435.U52 Cooking, Cured meat, Institutional feeding, Meat specifications, Pork products, Purchasing, Smoked meat. Effective June 1971. Extract: These specifications contain descriptions of various cured and otherwise processed pork products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

742-73

INSTITUTIONAL MEAT PURCHASE SPECIFICATIONS FOR FRESH VEAL AND CALF--SERIES 300; APPROVED BY USDA. U.S., Consumer and Marketing Service, Livestock Division. Washington IV, 5 p. 1969. HD9433.U52 Institutional feeding, Meat specifications, Purchasing, Veal. Effective Sept. 1971. Extract: These specifications contain descriptions of various veal and calf products customarily purchased by large volume users of meat. They were developed in conjunction with interested procurement agencies and suppliers and are approved for use in meat procurement programs in which the meats supplied are examined, accepted, and certified by Federal meat graders.

743-73

USDA GIVES SPECIFICATIONS FOR TEXTURED VEGETABLE PROTEIN PRODUCTS. Modern Schools 66, 13-14. Sept 1971. LB3243.M6 Food standards and legislation, Specifications, Textured vegetable proteins, Type A lunch, USDA Food and Nutrition Service. Abstract: Specifications set forth by the USDA to cover the use of textured vegetable protein in type A lunches are given in this article. The source of the specification is FNC notice 219.

744-73

744-73

WHAT IS INDUSTRY'S APPROACH TO QUALITY ASSURANCE?

R G Landis

Food Technol 24 (10): 48, 49, 50, 59, Oct 1970.

389.8 F7394

Consumer education, Consumer protection, Food industry, Food quality, Food standards and legislation, Safety.

Abstract: The goal of quality assurance is consumer acceptance. A quality assurance program must be operational from the product's inception through its production, and until it reaches the consumer--where it is finally judged. Such a program demands a sophisticated systems approach and statistical tests necessary to obtain overall quality and reliability. In developing their quality assurance programs, food processors should: not compromise on safety; take the initiative in providing consumers with accurate information on the meaning of quality; and have the backing support and leadership of top management.

745-73

WHAT USEFUL PURPOSE IS SERVED BY QUANTITATIVE INGREDIENT LABELING?

Hartley W Howard

Food Prod Dev 5 (4): 34-38, Jun/Jul 1971.

HD9000.1.F64

Food additives, Food composition, Food standards and legislation, Labeling.

Abstract: A food industry executive questions the efficacy of food product labeling on the grounds that the consumer doesn't know what the label means anyway. The author suggests that the only natural food is mother's milk since it is "the only product designed by nature exclusively as a food for mankind." Presumably, we were meant to starve after infancy. He extolls the food industry's use of chemicals as "a great achievement," and concludes that food technologists should help assure that "the regulations, requirements and standards which are developed for ingredient labeling are scientifically sound, technologically feasible, and intelligible to consumers."

746-73

WILL CUSTOMERS REALLY USE THE LABEL?

Ronald J Tolley

Food Prod Dev 6(2): 46-49, Apr 1972.

HD9000.1.F64

Food standards and legislation, History, Labeling.

Abstract: This article apparently consists primarily of an excerpt from "feed labeling: some questions answered", prepared by the staff of the National Canner's Association. The answers are generally antagonistic to stringent labeling requirements. While it is conceded that certain products having specific nutritional purposes require precise labeling, it is also contended that "this special situation should not be used as the basis for recommending nutritional labeling for the masses." The author concludes that "the homemaker may comfortably rely on skilled, competent regulatory agencies equipped with methods and authority to protect and assure the quality, wholesomeness, nutritional adequacy and proper presentation of foods."

Management and Administration

747-73

"COME, LET US GET CLOSER TO THE FIRE SO WE MAY SEE WHAT IT IS WE ARE SAYING" - A DIALOGUE ON COMMUNICATION.

Richard Vaden, Allene Vaden

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 276-300. July 12/23, 1971.

L83479.USK3 FEN

Communication skills.

Abstract: This paper presents a dialogue on communication. Topics covered include the communication process, the ingredients of communication, barriers to successful communication, improper communication flow, a test on written communication, employment communications, a quiz to show the communication problem of inference, the fallacy that words have one usage, the conclusion effect, the concept of allness, and techniques for improved communication. A listening profile and a speaking profile are included.

748-73

"KUPS - A KNOWLEDGE UTILIZATION FOR PROBLEM SOLVING.

John Kohl

In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 88-104. July 12/24, 1971.

L83479.USP4 FEN

Change agents, Models, Nutrition education.

Abstract: This paper presents the KUPS (Knowledge Utilization for Problem Solving) model and discusses its application in

nutrition education. This model outlines six stages of planned change: building a relationship, diagnosis, acquiring relevant resources, choosing a solution, gaining acceptance of the solution, and stabilizing the innovation and generating self-renewal. These six stages provide steps through which the change agent can effect a desired change. Each of these stages and the change agent's role in each is discussed in detail.

749-73

THE "CAPTIVE" EMPLOYEE UNSHACKLED.

E O Weiss

Instit/vol Feeding 72 (5): 16-17, Mar 1, 1973.

TX820.15

Commercial food service, Institutional feeding, Marketing, Merchandising, Public relations.

Abstract: Restaurant food services must lure the public, but employee lunch facilities have a captive audience and usually little competition. This article contends that office or plant lunchrooms are now running into competition with outside eating facilities. The owners and managers of employee dining facilities are going to have to upgrade their food and the quality of their service in order to retain employee customers who are now more independent and will not put up with inferior food services.

750-73

ACCEPTABILITY OF LOW-FAT MILK BY SCHOOL CHILDREN.

Marilyn Godfrey, Howard G Schutz

J Am Diet Assoc 61 (5): 525-528, Nov 1972.

389.8 AM34

Children, Food consumption, Food preferences, Low fat foods, Milk.

Abstract: To determine the acceptability of low-fat milk in school lunch, students in two senior high, two junior high, and two elementary schools were served low-fat milk for one week, then whole milk the next, or vice versa. Records of consumption were kept and preference questionnaires administered to the students. There was no statistical difference in consumption between the two weeks, although the grade school pupils drank significantly less milk both weeks. No differences in attitude toward the two types of milk were evidenced in the questionnaire replies. However, when part of the students were told the milk was low-fat, there was a significant difference in attitude, indicating perhaps a need for educational effort if low-fat milk is to be included in school lunches.

751-73

ACCOUNTABILITY '70, FOOD SERVICE STYLE.

Sch Lunch J 24 (7): 29-30, 32, Jul/Aug 1970.

389.8 SCH6

Administration, Education, School food service.

Abstract: Accountability is the key word of school administration, including accountability to education and to school lunch programs. School food service cannot continue its growth or perhaps even its existence unless there is recognition of the need to identify, define, implement, and evaluate management systems that make each local program accountable for the resources devoted to it. An editorial.

752-73

AN ADMINISTRATOR'S VIEW OF SCHOOL FOOD SERVICE.

George J Collins

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 374-387. July 12/24, 1970.

L83479.USM3 FEN

Case studies, Kitchens, Planning, School food service, Seminars.

Abstract: School food service with emphasis on school cafeteria and school kitchen in an improved School Lunch Program. Teaching, learning postures presented.

753-73

ALL THE HOT SOUP THEY WANT.

Cooking for Profit 41 (264): 32-33, Dec 1972.

TX901.C6

College food service, Food service management, Soups.

Abstract: How to hold the coats down on main diahes? Serve as much soup as the students want, thus reducing their appetites for seconds on more costly main diahes. This soup buffet idea was used at Eastern Michigan University, Ypsilanti.

754-73

STATE DEPARTMENT OF EDUCATION POLICIES: ISSUANCE OF HIGH SCHOOL CERTIFICATES BASED ON GED TEST RESULTS; GRANTING OF HIGH SCHOOL CREDIT FOR MILITARY EDUCATIONAL EXPERIENCES. 11th ed.

American Council on Education, Commission on Accreditation of Service Experiences

Washington, D. C. 122 p. 1972.

UD84.3.A425 FEN (American Council on Education. Bulletin no. 5)

Administrative policies, Equivalency tests, General Educational Development, Secondary education, State government. Extract: This eleventh edition of State Department of Education Policies lists the policies of 61 department of education for administration of the Tests of General Educational Development (GED) to adults who have not graduated from high school to help them achieve higher vocational and educational goals. Of the 61 departments, 60 have policies for the issuance of high school equivalency certificates to adults who meet their requirements. The certificates issued by the departments of education are official documents that are acceptable in the same manner as high school diplomas for meeting the require-

ent of high school education.

755-73

COLLEGE ACCREDITATION POLICIES FOR NONTRADITIONAL EDUCATION: FORMAL MILITARY SERVICE SCHOOL COURSES; USAFI COURSES - ADISSION BASED ON GED TESTS.

American Council on Education, Commission on Accreditation Of Service Experiences
Washington, D.C. 44 p. 1970.

U408.3.A424 F6N (American Council on Education, bulletin no. 11)

Administration policies, Admission criteria, Adult education, Colleges, Equivalency tests, Evaluation, General Educational Development, Surveys.

Abstract: In April and May of 1970, The Commission on Accreditation of Service Experiences conducted a survey of 1,728 American colleges and universities to ascertain their current policies on granting admission, advanced standing, and credit on the basis of nontraditional educational experiences. Three questions were asked: "Does the policy of your institution permit granting credit for formal service school courses listed in the 1968 edition of A Guide to the Evaluation of Educational Experiences in the Armed Services?", "Does the policy of your institution permit granting credit for successful completion of USAFI courses?", and "Does the policy of your institution permit the admission of non-high-school-graduate adults who use GED test scores as evidence of their ability to undertake college work?". Each college answered "yes", "no", or "no policy" to each of the three questions, and their answers are published in this bulletin.

756-73

HANDBOOK FOR OFFICIAL GED CENTERS: POLICIES AND PROCEDURES FOR OPERATION. 3d ed.

American Council on Education, General Educational Development Testing Service
Washington, D.C. 33 p. 1968.

U408.3.A42 F6N

Administration policies, Equivalency tests, General Educational Development, Program administration.

Abstract: The purpose of this handbook is to provide information and assistance to State Administrators of the GED Testing Program and Chief Examiners of Official GED Centers to help them handle their responsibilities in the administration of the General Educational Development (GED) Testing Program. The primary use of the GED tests is to appraise the educational development of adults who have not completed their formal high school education.

757-73

FOOD SERVICE MANUAL FOR HEALTH CARE INSTITUTIONS.

American Hospital Association
Chicago, Ill. 312 p. 1972.

RA975.5.D5A4 F6N

Accounting, Facilities planning and layout, Food preparation, quantity, Food purchasing, Food service management, Hospital food service, Menu planning, Sanitation, Storage.

Abstract: This book is a basic guide for food service supervisors in small hospitals and nursing facilities where there is no full-time dietitian. Main topics covered include (1) organization, management, and staffing; (2) service, layout, and equipment; (3) menu planning; (4) food purchasing; (5) stock control and storage; (6) food preparation; (7) sanitation; and (8) financial management.

758-73

ARE PREPAID LUNCHES THE ANSWER?

F Crawford

Sch Lunch J 25 (5): 24-26, 28-29, May 1971.

389.8 SCH6

Finance, School lunch programs.

Abstract: Tipton, Iowa schools use a prepayment plan chiefly for financial reasons. Other benefits reduce problems with reduced price or free lunches, eliminating discrimination; reduced clerical time; lines moved faster; children less critical and less likely to eat off campus.

759-73

ARE YOU A NORMAL COOK?

W Huggan

Sch Foodserv J 27 (2): 16, 1820, Feb 1973.

389.8 SCH6

Cook-managers, Cooks, School food service.

Abstract: A cook-manager describes the work of cooks and cook-managers in the school food service, and all the little extras too. A guest editorial.

760-73

ARE YOUR MENU PRICES HIGH ENOUGH?

Fast Food 70 (8): 65-71, Aug 1971.

389.2538 F82

Expenditures, Food cost analysis, Foods, Purchasing, Restaurants, Spoilage.

Abstract: Method for analysis of the cost of serving prepared foods in restaurants.

761-73

NEW DIRECTIONS FOR ACTION: ANNUAL MEETING AND EDUCATIONAL EXHIBIT, 54TH, HOUSTON, 1968: PROCEEDINGS, ADDRESSES, AND RESEARCH PAPERS.

Association of School Business Officials of the United States and Canada

Chicago 317 p. 1969.

LI3.A8 1968 F6N

Accounting, Association of School Business Officials, Computer applications, Food service management, Personnel management, Proceedings, School food service.

Abstract: This is a record of the proceedings, addresses, and research papers presented at the 54th Annual Meeting of the Association of School Business Officials. Topics discussed revolved around the areas of accounting and finance, management techniques, purchasing, maintenance, insurance, product information, school food service, personnel management, transportation, budgeting, and planning and construction of school buildings.

762-73

ROOM IN SHOPPING CENTERS OFFERS FOODSERVICE OPPORTUNITIES.

L McKean

Cooking for Profit 40 (244): 38-40, 42-44, Apr 1971.

TX901.C6

Cafeterias, Commercial food service, Food service industry, Restaurants.

Abstract: Description of department store food service in city and suburban shopping centers.

763-73

THE DEVELOPMENT OF DESIRABLE SCHOOL LUNCH ACCOUNTING PROCEDURES.

Alfred William Boulden

M.p. 247 p. 1964.

LD2830.66 F6N

Accounting, Connecticut, Laws, Recordkeeping, Research methodology, School lunch programs.

Thesis (Ph.D.) - University of Connecticut, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.

Abstract: This doctoral dissertation attempts to identify and evaluate used accounting procedures for school lunch programs. It analyzes the actual accounting practices followed in school lunch programs in the State of Connecticut, and describes more appropriate accounting practices in light of the analysis. Accounting practices analyzed include (1) written policies, (2) cash receipts, (3) disbursements, (4) organization of accounting functions, (5) inventory, (6) records, (7) reports.

764-73

BREAKFAST BREAKTHROUGH - A CONVENIENCE CAST GOES INTERNATIONAL.

Bruce Smith

Food Serv 33 (3): 29-32, Mar 1971.

389.2538 F732

Breakfast, Convenience foods, Cookery, International, Cost effectiveness, Surveys.

Abstract: This article describes a new slant on breakfast fare—international dinner menus made from convenience food products. Recipes are available from the magazine.

765-73

CAFETERIA SERVICE (FILM LOOP).

National Educational Media, Inc.

Hollywood, National Educational Media 1 cassette, super 8mm, ed, col, 10 min. 1971.

TX945.C3 F6N AV

Cafeterias, Food service, Food service management.

With study guide. For use in Fairchild cassette projector.

Abstract: Demonstrates basic job responsibilities of food servers in cafeterias. Presents information on portion control, presentation of plates, and proper maintenance and stacking of serving trays. Includes tips on personal appearance, customer relations, as well as techniques for keeping the line moving at maximum speed. Applicable to commercial and industrial cafeterias, schools, hospitals, armed forces, buffets, supermarkets, etc.

766-73

DATA PROCESSING PROCEDURES FOR CAFETERIA ACCOUNTING: REPORT OF THE DATA PROCESSING COMMITTEE, SACRAMENTO SECTION, APRIL 1965.

California, Association of Public School Business Officials Sacramento, Calif. 18 p. (n.d.).

HFS686.F61C3 F6N

Accounting, Computer applications, Computer science, School food service.

Abstract: This is a report outlining procedures which can be utilized to convert cafeteria accounts from a manual to an automated system. The goal is not to develop extensively detailed machine room procedures for specific types of equipment; the report is designed simply to facilitate the work of adapting the automated procedures to fit presently owned equipment. The outline included provide a step by step listing of actions required for automating the procedures. From the outlines, the user should be able to develop detailed machine room procedures for his particular type of equipment.

767-73

MANAGEMENT PROCEDURES AND RECORDS: A COURSE FOR SCHOOL FOOD SERVICE PERSONNEL.

California, Dept. of Education, Food Service Office

Sacramento, Calif. 106 p. 1967.

TX945.C3 F6N

Accounting, Donated foods, Food cost analysis, Food service management, Personnel management, Recordkeeping, School food service, Study guides, Workbooks.

Extract: The objectives of this course are to make it possible

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PAGE 69

768-73

for school food service workers to (1) become acquainted with the background, objectives, and requirements of the national school lunch program; and (2) learn some techniques of financial management and control for a local school lunch program. This workbook is designed primarily as a study guide for the student; however, it can serve other purposes.

768-73

PERSONNEL MANAGEMENT: A COURSE FOR SCHOOL FOOD SERVICE PERSONNEL.
California, Dept. of Education, Food Service Office
Sacramento, Calif. 61 p. 1966.
HF5549.C3 F&N
Communication skills, Job placement, Job satisfaction, Personnel management, School food service, Study guides, Workbooks.
Extract: The objectives of this course are to develop in food service managers an awareness of the needs of food service employees who serve under their direction and to further their own leadership potentialities. The workbook takes up, in turn, the relationship of the food service program to the entire school system and the proper procedures to be followed in recruiting, placing, and providing inservice training for new food service employees. Principles of learning, the importance of good communications, and the kinds of managerial "style" are also discussed. Application forms, interview techniques, and the legal provisions applicable to the direction of the food service program are covered.

769-73

WORK IMPROVEMENT: A COURSE FOR SCHOOL FOOD SERVICE PERSONNEL.
California, Dept. of Education, Food Service Office
Sacramento, Calif. 64 p. 1966.
TX60.4.C3 F&N
Equipment, Facilities planning and layout, Food preparation, quantity, Food service training, Personnel management, School food service, Study guides, Work simplification, Workbooks.
With supplement (34 p.).
Extract: The objectives of this course are to present the basic principles of motion economy and to show how time-saving methods may be developed and applied on the job by school food service managers, supervisors, and workers. Thus, the student (1) learns how to recognize those day-to-day tasks that may be simplified; and (2) develops skill in applying methods that conserve energy and eliminate physical strain and at the same time increase production. The necessity for creating a suitable work environment is stressed; this subject includes selecting and arranging equipment for normal work flow and adapting the equipment to the individual worker. Finally, the workbook touches on the importance of knowing the psychology of human motivation, especially with respect to putting new methods into practice on the job. This workbook is designed primarily as a study guide for the student; however, it can serve other purposes. The supplement provides a number of examples of tested labor- and time-saving methods for preparing and serving specific foods in quantity for school lunch programs. The examples were selected to include a variety of typical, representative school lunch items.

770-73

CAN YOU COMPETE AGAINST THE \$50,000 MINUTE?
Fast Food 71 (3): 83. Mar 1972.
369.2536 F&Z
Advertising, Costs, Food service industry, Restaurants, Television.
Abstract: The small independent restaurant operator can compete with the large food service industry by putting his advertising dollars in his product. He should improve his service.

771-73

CAUGHT LEADERLESS: WILL A COMPANY SURVIVE?
L Gettleb
Fast Food 71 (12): 46-48. Dec 1972.
369.2536 F&Z
Management, Occupations.
Abstract: If management has properly trained workers, people who can step into an emergency situation, then it has had good management. A good check of management, and the capabilities of the subordinates, is to create an emergency situation by leaving unexpectedly, without date of return, and see what happens.

772-73

CENTRALIZED FOOD SERVICE SYSTEMS-A REVIEW.
Lawrence Bartlett, William Griffith, Mary Jo Hitchcock
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p 139-148.
June 19/26, 1970.
LB3479.U5T4 F&N
Federal programs, Finance, School food service, School lunch, State government.
Abstract: School lunch in its various aspects of implementation on State, Federal and Regional level.

773-73

CHANGES IN FOOD WHOLESALING.
Leland Southern, Terry L Crawford
Marketing And Transport Sit MTS-L&I: 15-21. May 1971.
1.941 M&M34
Economics, Food economics and consumption, Food industry, Marketing, Wholesaling.
Abstract: Food wholesaling establishments have increased their sales by about one-half in the past decade. Food wholesaling

has had a dynamic change in shares (percent of sales of a market by type of firm) while margins and profits as a percent of sales have remained constant. Affiliated wholesalers have increased their share of the food store market, with other wholesalers shifting sales to industrial and commercial users.

774-73

THE CHANGING FOOD MARKET - NUTRITION IN A REVOLUTION.
David L Cell
J Am Diet Assoc 60 (5): 384-386. May 1972.
389.6 AM34
Agriculture, Food industry, Food processing, Food service, Food supply, Food technology, Nutrition.
Abstract: Tremendous changes have occurred in food marketing in the United States during the last two or three decades. In the last 20 years we've seen almost the total development of the frozen food industry, major changes in the institutional food area, a revolution in agriculture with respect to technology and the size of the producing unit, the rise of the supermarket to a position of dominance in retailing, and many other major changes in the food marketing system. The author emphasizes that our food system today is highly integrated, with each part dependent on the others, and pressure at one level is felt at every other level. The challenge to the professionals is to respond to these who challenge one aspect of the system without considering the others.

775-73

CHILDREN'S PERCEPTION OF FOOD.
Ruth Hoeflin
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 311-316. July 12/23, 1971.
LB3479.U5K3 F&N
Children, School food service.
Abstract: This paper provides a summary of factors which influence school children's perceptions of food and the school food service. The problem of change is discussed.

776-73

GUIDE TO FOODSERVICE MANAGEMENT.
Frances Cloyd
National Association of College and University Food Services
Chicago, Institutions Magazine/Volume Feeding Management 184 p. 1972.
TX943.C53 F&N
College food service, Communication, Computer applications, Evaluation, Facilities planning and layout, Food service management, Management education, Meal patterns, Menu planning.
Abstract: This guidebook is a collection of articles giving practical advice to managers of food service facilities. Topics include training programs, performance standards, communications, evaluation of service, computer programs, prepared foods, equipment and design, sanitation, and many others.

777-73

COFFEE: IT CAN MAKE YOU OR BREAK YOU.
L A Gorton
Cooking for Profit 40 (252): 27-31. Dec 1971.
TX901.C6
Coffee, Commercial food service, Food preparation, Recipes.
Abstract: Good coffee in the result of careful attention to details. Buy quality coffee, install the right equipment for your operation, and keep it immaculately clean. Includes charts describing use of various kinds of equipment, cleaning pointers, how to choose a coffee maker, and coffee brewing recipes.

778-73

COLORADO SCHOOL LUNCH HANDBOOK.
Colorado, Dept. of Education, School Lunch Division
Denver 72 p. 1966.
LB3475.C6 F&N
Administration, Equipment, Financial support, Food cost analysis, Food service management, Handbooks, Menu planning, School lunch programs, Workshops.
Handbook of the State School Lunch workshop held at Fort Collins, Colorado, in cooperation with Colorado State University.
Abstract: This workshop handbook covers virtually all aspects of school food service management, from administration at the national level to cleaning a gas deck oven.

779-73

COMMUNICATING WITH LOW INCOME FAMILIES THROUGH THE SCHOOL AND CHILD DAY CARE FOOD SERVICE.
Arthur Gravatt
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1969 p 77-86. June 16/27, 1969.
LB3479.U5T4 1969 F&N
Day care services, Low income groups, School lunch programs.
Abstract: Low income families and school lunch potential for education in nutrition.

780-73

COMMUNICATION - CHANGE.
Mary E Monnes
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 56-59. July 19/30, 1971.
LB3479.U5W5 F&N
Communication, Education, Management development.
Abstract: This paper discusses the communication process,

potential barriers to communication; how to analyze the effectiveness of one's own communications; and the application of communication principles in progressing toward educational and management goals.

761-73

COMMUNICATION AND EFFECTING CHANGE.

Charles E. Eshbach

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970. p 345-346. July 12/24, 1970. L83479.UM3 F6N

Communication skills; School food service.

Abstract: Communication skills: Role model used as an approach to better communication process in food service industry. Socio-cultural backgrounds and other factors are discussed as affecting "source" and "receiver" ideal pattern for communication.

762-73

COMMUNICATION METHODS AND MEDIA IN NUTRITION EDUCATION PROGRAMS.

John Felt, Harold Kline, Larry Muller

In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971. p 60-61. July 19/30, 1971. L83479.UM3 F6N

Communications; Nutrition education.

Abstract: In this workshop session participants could select one of three work groups focusing on the use of newsletters and brochures, radio and television, or newspaper writing for a study of communication methods and media in nutrition education programs. Included are 14 propositions about communication which served as guidelines for each group.

763-73

COMPARISON OF COST STRUCTURES OF FOOD STORES AND EATING AND DRINKING PLACES.

Terry L. Crawford, Leland W. Southard

Marketing and Transport Sit. MTS-178: 20-29. Aug 1970. 1.941 AM34

Cost effectiveness; Economics; Food economics and consumption; Food service industry; Food stores; Marketing.

Abstract: Eating and drinking places have increased their dollar share of the total food market. They have a gross margin estimated at 2 1/2 times that of food stores. Although gross margins for the two differ greatly because of the kinds of functions and services performed, individual operating expenses as a share of gross margin are similar. Labor, the largest expense, accounts for slightly over 40 percent of the gross margin of both types of businesses. Operating expenses as a proportion of sales tend to be lower for larger firms, indicating higher profit ratios.

764-73

COMPUTER PROGRAM ESTIMATES BACTERIAL DENSITIES BY MEANS OF MOST PROBABLE NUMBERS.

R. J. Barnow

Food Technol. 26 (7): 56, 58, 60, 62. Jul 1972. 389.8 F7398

Bacteria; Bacteriology; Computer applications; Measurement.

Abstract: A computer program has been developed which estimates the density of a bacterial population when a dilution assay is used as the enumeration method. The means of estimation is by the most probable number. MPN will also calculate the two-sided upper and lower 95% confidence limits and the one-sided upper or lower confidence limits. Some of the basic theory used to derive the equations used in the computer program is given.

765-73

COMPUTER-MANAGED SUBSISTENCE SYSTEM: A LOOK AT A MODEL FEEDING SYSTEM OF THE FUTURE.

Oscar P. Snyder

Food Technol. 27 (3): 42, 44, 46, 48. Mar 1973. 389.8 F7398

Automated food service; Computer applications; Military food service; Systems analysis.

Abstract: The author discusses a model feeding system of the future and shows how a computer can be used to provide information on total systems performance in order to optimize the nutritional profile of the military consumer.

766-73

COMPUTERS IN A DIETARY STUDY - METHODOLOGY OF A LONGITUDINAL GROWTH RESEARCH PROJECT.

Amy M. Penelope S. Peckes, Carleton G. Glatky

J. Am. Diet. Assoc. 59 (2): 111-115. Aug 1971. 389.8 AM34

Analytical methods; Computer applications; Dietary study methods; Food cost analysis; Research methodology.

Abstract: The methodology for computer analysis of the dietary intake of 150 pairs of twins is presented. Input to the main program consisted of the dietary intake coded for the amount of each food consumed, and food composition cards with values for 19 nutrients per 100-gm. portion and for 28 food groups. Edit programs provided checks for the occurrence and subsequent correction of a variety of possible errors. Parts of the Main Program can be used by others and, with additional programming, certain components could be incorporated into systems for production and evaluation of therapeutic diets, or for food cost accounting and food purchasing.

767-73

CONSUMER CONSIDERATIONS: DEEP-FRIED FOODS.

Food Serv. 35 (1): 12, 76-79. Jan 1973.

389.2338 F732

Cooking methods; Food preferences; Frying; deep fat; Marketing; Surveys.

Abstract: Slightly less than half of the Gallup sample (49%) like deep-fried foods. Those who do prefer their fried foods golden brown and would much prefer that they be fried in vegetable fat rather than lard. Limp, greasy French fries were unpopular, as might have been expected.

768-73

CONSUMERS RATE FROZEN CUTS EQUAL TO FRESH MEAT IN FLAVOR, JUICINESS.

Quik Frozen Foods. 33 (10): 83, 110. May 1971.

389.8 Q4

Frozen foods; Marketing; Meat; Merchandising; Palatability ratings.

Abstract: A Kansas State University market test showed that a comparison of fresh and frozen sales of identical cuts of retail meat showed frozen sales averaged 16 to 20 percent of the total market. Twenty-six different cuts of beef, pork, and lamb were available to the consumer.

769-73

CONTRACT CLAUSES: GRIEVANCES.

B. Vorne

Food Serv. 34 (4): 26-27, 31. Apr 1972.

389.2338 F82

Food service industry; Grievance procedures; Labor unions; Management.

Abstract: Careful wording of grievance clauses is essential for speedy and impartial hearings of employee grievances, and for understanding and cooperation between labor unions and the food service industry.

790-73

CONTRACT FOODSERVICE--PROS AND CONS.

Sch. Foodserv. J. 26 (9): 49-46. Oct 1972.

389.8 SCH6

Commercial food service; Food service management; School food service; School food service supervisors.

Abstract: The advantages and disadvantages of contract school food service is far from resolved. However, management committees must be aware of the needs and goals of schools before they take over.

791-73

CONTROL PATTERNS FOR THE COOKING BATTERY.

Food Serv. 34 (3): 43-46. Mar 1972.

389.2338 F732

Cook-managers; Cooking methods; Cooks; Cost effectiveness; Electricity; Facilities planning and layout; Kitchens; Personnel management.

Abstract: This article is directed to cooks (chefs) and food service managers who want to streamline their kitchen operations to make them more efficient. The article emphasizes the benefits of using electrical equipment for perline costs and preheating energy conservation.

792-73

CONVENIENCE FOOD SYSTEMS: PREPACKAGED LUNCH COMES TO SCHOOL.

C. M. Donaghe, E. Hedved

Sch. Foodserv. J. 26 (8): 91-94. Sept 1972.

389.8 SCH6

Costs; Food service management; Prepackaged portions; School food service; School lunch programs.

Abstract: Food service directors discuss prepackaged lunches at Kent State University with their research workers: how it works, its characteristics, limitations, system acceptance, costs.

793-73

CONVENIENCE FOOD SYSTEMS: RAW-TO-READY SCALE, KEY TO MODERNIZATION.

R. K. Radgum

Sch. Foodserv. J. 26 (8): 68-70-73. Sept 1972.

389.8 SCH6

Convenience foods; Food service industry; Food service management; School food service.

Abstract: Reprint from Food Service Marketing magazine, May, 1970, which illustrates and discusses a two-dimensional raw-to-ready scale which helps you decide where your system of food service fits. It is a step toward total planning of food service in schools, as well as industry.

794-73

CONVENIENCE FOOD SYSTEMS: VOTE "YES" ON A CONVENIENCE FOODS SYSTEM?

Sch. Foodserv. J. 26 (8): 96-99. Sept 1972.

389.8 SCH6

Equipment; Food service workers; Foods; Menu planning; School food service; Space utilization; Training.

Abstract: National Restaurant Association has been attempting to answer what factors or data are necessary to plan a workable convenience food system, and how does a school food service operator decide if he should shift to such a concept.

795-73

799-73

A STUDY OF CAREER LADDERS AND MANPOWER DEVELOPMENT FOR NON-MANAGEMENT PERSONNEL IN THE FOOD SERVICE INDUSTRY.
Cornell University, School of Hotel Administration
Springfield, Va.; National Technical Information Service 223
p. Jun 1973.
HF5549.C6 F6N
Career ladders, Food service industry, Food service occupati-
ons, Personnel management, Training.
PB193299.

Abstract: The study concludes that training and development of non-management personnel works best if it is integral to all aspects of the company's on-going operations. The system works best if: there is an understanding that training and development is the company's responsibility; there is a pro-
gram for this purpose; it applies to all employee levels; some-
body is responsible for the operation; there is a budget com-
mitment for training and development; rewards, practices,
wage scales, fringe benefits and status support the program;
and finally facilities outside the company are utilized to
supplement in-house programs.

796-73

COST OF FINANCES IN CENTRALIZED FOOD SERVICE SYSTEMS.
D L Seering
In Proceedings of the Southeastern Regional Seminar for Sch-
ool Food Service Admin., Univ. of Tenn., 1970 p 94-106. June
1972.
L83479.UST4 F6N
Case studies, Finance.
Abstract: Standardization and control of finances for Central-
ized Food Service Systems.

797-73

CREATE YOUR OWN GOOD-NEIGHBOR POLICY.
L Gottlieb
Food Serv 70 (8): 94,96,98,100. Aug 1971.
389,2538 F82
Advertising, Commercial food service, Consumer science, Mainte-
nance, Public relations, Restaurants.
Abstract: Ways in which restaurants can improve community
relations and maintain or attract neighborhood people as cus-
tomers.

798-73

CREATIVE APPROACHES TO PROBLEM SOLVING.
Allene Vaden, Jean Betteger
In Proceedings of the Southwest Region School Food Services ad-
min., Kansas State Univ., 1971 p 105-123. July 12/23, 1971.
L83479.USH3 F6N
Nutrition education, Problem solving.
Abstract: This paper discusses creative approaches to problem
solving. Included are the techniques of problem solving, crea-
tive characteristics, tips for idea finding, creative thinking
and idea-solving questions, and creativity in organization. A
number of handouts were used in connection with this presenta-
tion and they are included in the proceedings.

799-73

CREATIVITY IN EDUCATION AND MANAGEMENT.
George Strother
In Proceedings of the Midwest Regional Seminar for Schoolfood
Service Supervisors and Directors, U. of Wisc., 1971 p 10.
July 19/30, 1971.
L83479.USH5 F6N
Management education, School food service.

800-73

DEVELOPING ALTERNATIVES IN NUTRITION EDUCATION.
Patrick Boyle
In Proceedings of the Midwest Regional Seminar for Schoolfood
Service Supervisors and Directors, U. of Wisc., 1971 p 46-
49. July 19/30, 1971.
L83479.USH5 F6N
Models, Nutrition education.
Abstract: This paper presents a program development model
which can be used for the complete analysis of a problem and
the development of a plan of action. This model can be used
effectively to develop alternatives in nutrition education.

801-73

DEVELOPING COMMUNITY SUPPORT OF NUTRITION EDUCATION PROGRAMS.
John Wastie
In Proceedings of the Midwest Regional Seminar for Schoolfood
Service Supervisors and Directors, U. of Wisc., 1971 p 63.
July 19/30, 1971.
L83479.USH5 F6N
Change agents, Nutrition education, School community rela-
tions.
Abstract: This paper discusses the roles of a "change agent"
which include those of analyzer, adviser, advocate, and inno-
vator. The "change agent" approach can be useful in developing
community support of nutrition education programs.

802-73

DEVELOPMENT OF A CENTRAL COMMISSARY IN INDUSTRY.
Jerry Graham
In Proceedings of the Southeastern Regional Seminar for Sch-
ool Food Service Admin., Univ. of Tenn., 1970 p 114-117.
June 1972.
L83479.UST4 F6N
Food service industry, Technology.

Abstract: Food control (shelf life, frozen foods, meat) etc,
now aspect for consideration when a central commissary system
in industry is viewed.

803-73

ACCOUNTING PRACTICES FOR HOTELS, MOTELS, AND RESTAURANTS.
Paul Dittmer
New York, ITT Educational Services, Inc. 192 p. 1971.
HF5686.H750 F6N (Hotel-motel management series)
Accounting, Food service, Recordkeeping, Restaurants, Teaching
guides, Textbooks.
With a teacher's manual and a workbook.
Abstract: This textbook is written for students beginning their
study of the hospitality industry and for those already in the
field who want to increase their understanding of the account-
ing aspects of the industry. It is a beginning text, written
in fundamental terms. The illustrations are simplified for
easy understanding. The author hopes that this text will serve
as an adequate starting point for those students who wish to
seek accounting their specialty in the hospitality industry,
and at the same time provide a sufficient background for those
who will serve in some other capacity to understand the impor-
tance of the work of the accountant in a successful operation.

804-73

DON'T OVERLOOK BUSINESS-CONNECTED PERSONAL TAX DEDUCTIONS.
B. Grawling
Food Serv 72 (11): 90,92. Jan 1973.
389,2538 F82
Money management, Recordkeeping, Taxes.
Abstract: Allowable business-connected personal tax deductions
which are often overlooked are: child care, home office, and
automobile expenses.

805-73

DYNAMICS OF MOTIVATION.
Garfield K. Stock
In Proceedings of the Midwest Regional Seminar for Schoolfood
Service Supervisors and Directors, U. of Wisc., 1971 p 53-
54. July 19/30, 1971.
L83479.USH5 F6N
Management education, Motivation.
Abstract: This paper discusses the dynamics of motivation.
Maslow's Hierarchy of Needs and McGregor's Theory X and The-
ory Y approach to management are considered.

806-73

THE DYNAMICS OF SYSTEMS DIALOGUE.
Food Serv 34 (11): 52-67. Nov 1972.
389,2538 F732
Food preparation and distribution systems, Food service, Hosp-
ital food service, Systems analysis, Work simplification.
Abstract: Hillside Hospital, Glen Oaks, N.Y., exemplifies how
an efficient working environment can be achieved by simplifi-
cation of certain task areas; convenience foods, single service
ware, and automated equipment are used. The success of the
total system is attributed to the great rapport developed with
the nation's food and equipment suppliers. Typical menus are
listed, as are the convenience foods used - breakfast, lunch,
and dinner entrees, vegetables, desserts, breads, and salad
fixings.

807-73

ECOLOGICAL PRESSURES ON NUTRITIONAL RESOURCES.
Mary E. Johnson
In Proceedings of the Midwest Regional Seminar for Schoolfood
Service Supervisors and Directors, U. of Wisc., 1971 p 26-27.
July 19/30, 1971.
L83479.USH5 F6N
Agricultural development, Ecology, Energy, Nutrition.
Abstract: This paper discusses the ecological pressures which
affect the nutritional resources of the world. A summary of
the scope of the problem involved in reversing the population-
food imbalance developed by the President's Science Advisory
Committee in 1967 is included. Studies show that presently an
increasing fraction of the total energy in the biosphere is
being diverted to the direct support of man while the leakage
of toxic substances and a decrease in the amount of land avail-
able for agricultural use will result in a diminished ability
to supply man's energy.

808-73

EFFECT OF FAT CONTENT IN CHEDDAR, COLBY, AND SWISS CHEESES
ON CONSUMER PREFERENCE.
F. M. Hodeen
Food Technol 24 (9): 85-88. Sept 1972.
389,2538 F7398
Animal fats, Cheese, Consumer economics, Fats and oils, Food
composition, Food preference measures.
Abstract: Cheddar and colby cheeses nearest 50.0% FDB were
preferred by consumers where there were considerable differ-
ences in fat contents. Although the trained judges criticized
cheddar and colby cheeses below 40.0% FDB as curdy and above
48.0% FDB as weak, differences were not great. Little differ-
ence in flavor existed. In consumer tests, Swiss cheese at
36.1% FDB was preferred over 45.9% FDB cheese; trained judges
reported no difference in body or flavor. Cured properly,
cheeses of such of these varieties containing about 35.0% FDB
should be commercially acceptable.

PAGE 68

809-73

ENGINEERED FOODS--THE PLACE FOR OILSEED PROTEINS.

D. B. Walker, F. E. Moran, & E. Burket
Food Technol. 25 (8): 55-60. Aug 1971.
389.8 F7398

Consumer acceptance, Cost effectiveness, Food processing, Food standards and legislation, Marketing, Soybean products, Synthetic foods, Textured vegetable proteins.

Abstract: In line with increasing activities of food technologists to design high quality foods for specific end uses, analysis in this paper is placed on developing a positive approach to the marketing of engineered foods. A businessman's viewpoint is given for the use of soy flours, soy concentrates, isolated soy proteins and textured soy proteins in the foods of today, emphasizing the favorable relationship which must exist among technical functionality, nutrition and cost. The key to commercialization of new engineered foods lies in the area of marketing, with particular reference to using a positive approach. A cooperative attitude between the business community and government will result in eliminating many of the obstacles existing today in connection with labeling, advertising and general promotion of new products.

810-73

THE EVOLVING PAYBOARD REGULATIONS.

G. Verne
Fast Food 71 (2): 98-100. Feb 1972.
389.2530 F42

Collective bargaining, Commercial food service, Pay board, Wages.

Abstract: Pay board is enforcing its own guidelines with the recent rejection of one large contract. This helps fast food management.

811-73

EXPANDING THE CONVENTIONAL SCHOOL FOOD SERVICE PROGRAM.

Thomas J. Farley
In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 : 105-137. July 12/24, 1970.
L83479.05M3 F6M

Contract feeding, Facilities planning and layout, Food delivery systems, Food preparation and distribution systems, Food service management, School food service.

Abstract: The speaker noted that he didn't believe in central kitchens for a variety of reasons: "there is a lot of wishful thinking about shipping out from great big kitchens and lowering your costs. Let's not kid ourselves. You are just shifting the basis of your money outflow," however, he felt that in the face of cessation of food service management companies, a central kitchen might be a necessity, and he used them himself in the Milwaukee schools.

812-73

EXPERIENCES IN USING MANAGEMENT SERVICES.

Rudolph A. Scheber
In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 : 86-104. July 12/24, 1970.
L83479.05M3 F6M

Commercial food service, Contract feeding, Food service management, School food service.

Abstract: The Union, New Jersey, schools operate some of their cafeterias with their own personnel, while others are operated by a food service management company. The speaker discussed the pros and cons of using an outside management company, and enumerated the precautions to be taken in hiring a management company.

813-73

EYE OF THE SUPERVISOR (FILM LOOP).

National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, ed. col., 12 min. 1972.
HF5549.E92 F6M AV

Personnel management, Supervision, Supervisors, With study guide. For use in Fairchild cassette projector.

Abstract: Intended to equip supervisory personnel to review and evaluate employee performance. Stresses that supervision involves both collecting and evaluating information before acting. Emphasizes the need to listen with an open mind to all the facts, positive as well as negative, about subordinates. Also emphasizes the importance of basic job needs, approval, recognition, consistent standards, and finally, of self-evaluation and self improvement.

814-73

EYE OF THE SUPERVISOR (MOTION PICTURE).

National Educational Media, Inc.
Hollywood, National Educational Media 1, 16mm, ed. col., 12 min. 1972.
HF5549.E9 F6M AV

Personnel management, Supervision, Supervisors.

With study guide. Also available in film loop (HF5549.E92). Abstract: Intended to equip supervisory personnel to review and evaluate employee performance. Stresses that supervision involves both collecting and evaluating information before acting. Emphasizes the need to listen with an open mind to all the facts, positive as well as negative, about subordinates. Also emphasizes the importance of basic job needs, approval, recognition, consistent standards, and finally, of self-evaluation and self improvement.

815-73

FF PER CAPITA CONSUMPTION HITS 72.9 LBS. A YEAR.

Harold L. Franklin
Quick Frozen Foods 34 (4): 102-107. Nov 1971.
389.8 Q4

Food consumption, Frozen foods, Marketing, Statistical data, Surveys.

Abstract: Over 14 billion pounds of frozen foods were sold in 1969, with a total value of \$7,612,229. This article lists the cold statistical facts on retail and institutional purchases of dozens of frozen products. Chicken proved to be the big winner, with a per capita consumption of 9.848 pounds.

816-73

FF SERVICE COMPANIES VIE FOR SHARE OF \$ MILLION SCHOOL LUNCH PROGRAMS.

Quick Frozen Foods 34 (8): 69-70. Mar 1972.
389.8 Q4

Food industry, Frozen foods, Marketing, School food service.

Abstract: The theme of a "Talk and Taste Conference" held in New York was "better meals and better deals for kids." Representatives of institutionally-oriented frozen food companies competed in demonstrations to win acceptance of their products by representatives of parent and educational organizations pledged to campaign for more federal funds to feed school children.

817-73

FAVORITE DEEP-FRIED FARE.

Food Serv 35 (2): 12, 90-91. Feb 1973.
389.2530 F732

Food preferences, Frying, deep fat, Surveys.

Abstract: This Gallup survey found that, of deep-fried foods, shrimp, potatoes, and chicken vied closely for top place. Next came onion rings, followed by fish. In terms of appearance, people like them fried golden brown and not too dark.

818-73

MANAGERIAL ACCOUNTING FOR THE HOSPITALITY SERVICE INDUSTRIES.

Clifford T. Fmy, Richard C. Rhoads, Robert L. Rosenblatt
Dubuque, Iowa, Wm. C. Brown 500 p. 1971.
HF5686.S43F36 F6M

Accounting, Analytical methods, Budgeting, Computer applications, Costing, Financing, Food service management, Hotels, Information systems.

Abstract: This textbook applies practical accounting techniques to the operation of hospitality service industries. Stress is on managerial needs and the application of accounting techniques and concepts to managerial decision-making.

819-73

THE PRACTICE OF GENERAL MANAGEMENT: CATERING APPLICATIONS.

David A. Fearn
London, Macdonald 226 p. 1971.
TX911.F30 F6M (The New manager's library)
Accounting, Decision making, Food service management, Management development, Personnel management.
Revised.

Abstract: The books in this series are all specifically addressed to the new manager and his problems. This is a guide on how to practice general management in the food service industry. Concepts are illustrated with real-life examples.

820-73

MANAGEMENT OF FOOD SERVICE: INSTRUCTOR'S GUIDE.

Florida, Dept. of Education
Jean Coleman
Tallahassee, Fla. 174 p. 1970.
TX943.F55 F6M

Evaluation, Food service management, Management education, Personnel, Training, Work simplification.

Extract: This guide examines and integrates management generalizations in order to help participants see the total picture of management and to gain knowledge of and develop skill in performing management functions in the efficient use of human effort in the manipulation of non-human resources to achieve objectives and goals. The information is planned for training the manager who is responsible and accountable for the actual production and service of food at the unit level.

821-73

FOOD COSTS AND THE 40 THIEVES.

Robert C. Petrie
Cooking For Profit 263: 82-83. Nov 1972.
TX901.C6

Food cost analysis, Food purchasing, Food service management, Food storage, Recordkeeping.

Abstract: Forty common causes of high food costs are listed. These range from outright theft to inefficiencies in management, food handling, or food preparation.

822-73

FOOD COSTS AND THE 40 THIEVES.

R. C. Petrie
Cooking For Profit 41 (263): 82-83. Nov 1972.
TX901.C6

Commercial food service, Costing, Food service industry, Food service management.

Abstract: List of 40 items where costs may be increased by carelessness or neglect. These 40 are divided among: purchasing, receiving, storing, issuing, preparing, production, service, and sales.

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PAGE 69

823-73

823-73

FOOD INDUSTRY AND FDA FACE FAD FOOD THREAT.

Bernard Weinek
Food Prod Dev 6(5): 28-30, Aug/Sept 1972.
HD90002:1.F64

Food and Drug Administration; Food fads; Food industry; Formulated foods and specialized products; Labeling; Organic foods.
Abstract: This article represents a reasoned attack on organic food users and a simultaneous warning to the food industry that the organic food market is growing. Food processors and marketers must decide either to enter the market with their own line of organic products, or to fight to minimize the growth and ultimate effects of the organic food market on the conventional food market. The author advises no additional marketing of organic products, but suggests that the food industry begin a campaign of straightforward advertising and labeling aimed at educating the consumer about the contents of processed foods and about nutrition generally.

824-73

FOOD SERVICE MANAGEMENT: A DISTRIBUTIVE EDUCATION MANUAL.

In.p.1 une. In.d.1.

TX943.F6 F6M

Distributive education; Facilities planning and layout; Food preparation; Quantity; Food service management; Food standards and legislation; Marketing.

Abstract: The purpose of this manual is to give the student who is employed in a food service establishment an opportunity to study specific material related to this area, thereby uniting his work experience and school experience. It is intended that the student use this information in an individual and self-oriented manner.

825-73

FOOD SERVICE SYSTEMS ACHIEVEMENT AT PITTSBURGH NATIONAL BUILDING.

Food Serv 35 (2): 42-50, Feb 1973.

389.2538 F732

Awards; Facilities planning and layout; Food preparation and distribution systems; Food service; Pittsburgh; Systems analysis.

Abstract: This article tells about an award-winning food service set-up in the Pittsburgh National Building. The facility's operation is described and details of the operation are given. Stress is placed on the use of convenience foods which can be quickly heated and served.

826-73

FOOD USE BY THE FOODSERVICE INDUSTRY.

Cerrine Le Goyit

Net Food Situation NFS-141: 28-32, Aug 1972.

1.941 S2F73

Food economics and consumption; Food service industry; Surveys.

Abstract: The foodservice industry used an estimated 14 percent of the food available for civilian consumption in 1969. The proportion varied from 5 percent for the dry beans, peas and nuts group to a high of 21 percent for fats and oils. These estimates were based on data obtained in the 1969 survey by USDA of the market for food served away from home. The survey did not cover schools, military services, Federal hospitals, correctional institutions, transit feeding operations, boarding houses, and vending machines except in foodservice outlets. The excluded outlets might add 30 percent to the food service market. The estimates of food used in foodservice establishments tend to agree with estimates derived from the 1965 individual diet survey. Discrepancies are explained by the types of outlets omitted and accounts of primary products used in mixtures. The estimates based on the 1969 survey seem more accurate for most food groups.

827-73

FOOD--FEEDING---UNDERSTANDING.

Kenneth G Weckel

In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Misc., 1971 p 29, July 19/30, 1971.

L83479.U5W5 F6M

Food supply; World problems.

Abstract: This paper discusses the problem of the world food supply and various means for expanding food production.

828-73

A FOODSERVICE SYSTEM THAT WORKS.

J R Myers

United Air Lines

Cooking for Profit 40 (243): 19-27, Mar 1971.

TX901.C6

Airline catering; Commercial food service; Food processing; Frozen foods; Ovens.

Abstract: Description of an air line food service system, containing: 1. How to resolve a dilemma: entree plus container plus even equals system, by J. R. Myers; 2. Materials handling techniques...the system in operation; 3. United's king size commissary; 4. At Portland, Oregon...the same system on a small scale.

829-73

FOODSERVICE SYSTEMS THAT WORK.

J R Myers

Cooking for Profit 41 (255): 32-34, Mar 1972.

TX901.C6

Commercial food service; Food service industry; Food service management.

Abstract: Presentation of seven "systems" of management, based on: 1. Commodities; 2. People; 3. Management; 4. Canned foods; 5. Frozen foods; 6. Franchises; 7. Marketing.

830-73

FRANCHISING IN PERSPECTIVE.

J R Baker

Food Serv 71 (4): 73, Apr 1972.

389.2538 F42

Advertising; Food service industry; Franchises; Marketing; Merchandise information.

Abstract: Changes in franchising in the food industry and future developments are discussed.

831-73

FRESH BEEF ADS AND PRODUCT NAMES.

Rita B Witten

Marketing And Transport Sit MTS-147: 30-34, Nov 1972.

1.941 M8M24

Advertising; Beef; Marketing; Merchandising; Vocabulary.

Abstract: A study of advertising of fresh beef items by 10 major retail chains in 4 cities revealed considerable variation in total number of items advertised from city to city and chain to chain. During a 1-year period, fresh beef items were listed 7,115 times in the 931 ads studied. The number of times these items were advertised by individual chains ranged from 221 to 676. About half advertised between 221 and 338 times during the year. Another finding was the great variety of names used for retail beef items obtained from the 8 major primal cuts. Of the 931 ads studied, 212 different names were listed for steaks, 151 for roasts, and 94 for "other" fresh beef items. The proliferation of names resulted from using the same names for items from different primal cuts, failure to consistently indicate whether items were bone-in or boneless, and using fanciful names to describe items.

832-73

GALLUP COUNTS THE CALORIE COUNTERS.

Food Serv 34 (1): 10-13, Jan 1972.

389.2538 F732

Caloric intake; Calorie-restricted diets; Diet information; Meal patterns; Surveys; Weight control.

Abstract: A recent Gallup poll revealed these facts: (a) Americans apparently eschew when tempted by a restaurant dinner menu--74 per cent don't worry about calories; (b) women are considerably more calorie-conscious than men; (c) young people are more apt to ignore caloric intake; (d) people over 50 are most likely to confine their meals to basics, to order broiled foods, and to choose fish and seafood over meats; (e) the college-educated person is more likely to drink wine and to avoid sweeteners and desserts than are persons with grade-school educations; (f) Midwesterners worry more about calories than do people from other parts of the country. Looking at the other side of the coin, at least 26 million Americans do count calories, even when they dine out.

833-73

GALLUP DETERMINES POTATO POPULARITY.

Food Serv 33 (4): 13-19, Apr 1971.

389.2538 F732

Food preferences; Marketing; Potatoes; Surveys.

Abstract: Although other Gallup surveys have indicated that most Americans are fond of exotic specialty dishes, when it comes to potatoes, they are very down-to-earth. For breakfast, hash brown potatoes were the most popular version. French fries were the overall favorite at sandwich time. With entrees, baked potatoes were the most popular; non-whites gave their top vote to mashed potatoes. Baked potatoes were preferred by college-educated, professional, and business classes. Au gratin potatoes appealed mostly to white collar workers with a college education and those in the lower income level. Exotic forms, such as Lyonnaise, Duchesse, croquettes, and saute, drew only token voting. Hatchback-cut French fries received the fewest votes.

834-73

GALLUP EXAMINES THE SAUCE SCENE.

Food Serv 33 (9): 9-13, Sept 1971.

389.2538 F732

Food preferences; Sauces; Surveys.

Abstract: This Gallup survey revealed the following sauce preferences: (a) favored for meat entrees were mushroom, Worcestershire, and ketchup; (b) with vegetables and eggs, cheese sauce was preferred; (c) with seafood, white sauce, spaghetti sauce, Hollandaise, Newburg, and sweet-and-sour ranked closely. Processors have been meeting the challenge with convenience forms of many of these sauces. Through merchandising, such can be done to educate consumers on the taste treats in store when the various sauces are used.

835-73

GALLUP FINDS BROAD ACCEPTANCE FOR INTERNATIONAL SEAFOOD SPECIALTIES.

Food Serv 33 (2): 43-46, Feb 1971.

389.2538 F732

Fish; Food preferences; Seafood; Surveys.

Abstract: Gallup asked an unspecified number of persons "If offered a complete international varieties of seafood preparations on a restaurant menu, which five items on this list would appeal to you most." The leading items were: fish and

PAGE 70

chips (43%), elked seafood salad (36%), lobster newburg (34%), shrimp fried rice (33%), and Alaska king crab (33%). The preferences of women followed the overall order of preference while "the heartier sex showed a keener partiality toward Alaska king crab (35 vs. 31 per cent) and oyster on the half shell (32 vs. 22 per cent)." Higher income groups showed enthusiasm for a wider variety of seafoods, while young people went overboard for fish and chips.

836-73

GALLUP MEASURES POPULARITY OF INTERNATIONAL CUISINE.
Food Serv. 33 (11): 10-13, 56, Jan 1971.

389,2538 F732

Cookery, International, Food preferences, Surveys.

Abstract: This Gallup survey shows that of all international dishes the one most liked by Americans is beef stroganoff. International food preferences data are also broken down by age, cultural background, locality, and income and educational levels. The greater one's income and educational levels, the wider and more exotic one's international food preferences.

837-73

A GALLUP OVERVIEW OF THE CHANGING CUSTOMER - A GALLUP SYMPOSIUM.

Food Serv. 32 (12): 27-30, Dec 1970.

389,2538 F732

Food habits, Food preferences, Surveys, Young adults (20-34 years).

Abstract: Young adults eat out more often than their elders and spend more when they do. They like variety and are excellent about their favorite menu items in many categories. Eighty per cent preferred shrimp as an appetizer, and 97 per cent favored shrimp dishes among seafoods. Seventy-five per cent voted for turkey in the poultry category. Other favorites were chicken noodle soup, hot biscuits, sirloin steak, chicken chow mein with rice, Russian dressing, apple pie, beef stroganoff, corn and elked vegetables, and mozzarella cheese.

838-73

A GALLUP OVERVIEW. SOUP SPANS THE "SIX MEAL A DAY" SPECTRUM.

Food Serv. 33 (11): 10-16, Nov 1971.

389,2538 F732

Food preferences, Soups, Surveys.

Abstract: The survey has shown that no less than 5 per cent of young adults (ages 21 to 34) order hot soup for breakfast in a restaurant; 5 per cent of all Americans are likely to order soup for a snack. The favorite lunch of one-fourth of all American males is soup and sandwich, and 6 per cent of all Americans enjoy soup for a late snack. Rated as the top ten soups are chicken noodle, vegetable beef, tomato, oyster stew, chicken with rice, cream of mushroom, beef noodle, chicken vegetable, onion, and clam chowder. The basics of a "soup system" are mix, garnish, and spice. A number of combinations of convenience soups are suggested, along with spicing and garnishing ideas.

839-73

GALLUP PINPOINTS TASTES FOR FRESH CITRUS FRUITS.

Food Serv. 32 (13): 11-14, Oct 1970.

389,2538 F732

Food preferences, Fruits, Surveys.

Abstract: This Gallup survey pinpoints the fact that the four most popular fresh citrus fruits are oranges, lemons, grapefruit, and limes. Oranges are preferred as a breakfast juice, are popular in fruit salad, and are often enjoyed as a snack treat. If lemon preparations, lemonade receives top score; the lemon is popular also with seafood and with beverages. Grapefruit is preferred as a breakfast food. Limes are most popular with beverages. All of the citrus fruits are enjoyed in more forms and more often by persons with more education and with higher income. An astonishing number of people expressed no opinion as to preference for any of the citrus fruits.

840-73

GALLUP SURVEY - A CASE FOR VEGETABLE VARIETY.

Food Serv. 32 (6): 9-11, 12, Jun 1970.

389,2538 F732

Food preferences, Marketing, Surveys, Vegetables.

Abstract: Generally, asparagus with hollandaise sauce was the vegetable that the Gallup interviewees would most like to select from a restaurant menu. Second was a tie between peas in butter sauce and lima beans; fourth a tie between broccoli and corn. Cabbage with butter sauce edged out eggplant, parmesan and spinach soufflé as the least liked vegetable. Different population groups had different preferences, of course. Low-income groups, non-whites, young people, and men tended to like lima beans and corn with elked vegetables. Higher income groups, whites, people 35-49 years of age, and women liked asparagus particularly well. Overall, the survey results suggest that every vegetable is liked by at least a fair number of people, and food service operators might do well to put more variety in their vegetable selections.

841-73

GALLUP SURVEY - WHEN EVERYONE SAYS "CHEESE!".

Food Serv. 32 (7): 7-10, Jul 1970.

389,2538 F732

Cheese, Food preferences, Surveys.

Abstract: In crackers, cream cheese gets the highest vote of the American public. With salads, Roquefort is the most popular. In sandwiches, Swiss cheese is closely followed by cheddar. Analysis shows that cheese is in higher demand by people

under fifty, with a college education, and enjoying higher incomes; this group also showed appreciation for Gouda, Edam, Casembert, and Gruyere. By region, Westerners were the most cheese oriented. Voting patterns indicated a lack of awareness of such types as Bel Paese, Neufchâtel, Gorgonzola, and Gruyere. Merchandising could make the appeal and fill the knowledge gap in promoting a house specialty of cheese as a dessert.

842-73

GALLUP SURVEY-THE "TAKE-OUT" MARATHON.

Food Serv. 32 (9): 9-11, Sept 1970.

389,2538 F732

Commercial food service, Food preferences, Surveys, Take-out foods.

Abstract: This check on response to ethnic and specialty items gives hamburgers the big lead as a take-out food, with pizza next. Other popular items are barbecued ribs, fish and chips, and shrimp with French fries. Pizza outscored hamburgers among young adults, those with a college education, and higher income families. Barbecued ribs were favored by the non-white population. In the East, Chinese and delicatessen foods won ranking. Japanese and Chinese foods were chosen by people with a college education. Highest scores for Mexican foods came from the West and young adults. Young adults are far better informed and better esters of the "take-out" industry than their elders.

843-73

GALLUP SURVEYS THE BREAKFAST CEREAL BOWL.

Food Serv. 33 (3): 14-17, Mar 1971.

389,2538 F732

Breakfast cereals, Food preferences, Grain products, Surveys.

Abstract: This Gallup poll found that corn-based cereals are the most popular, with wheat-based and rice-based products following. Young adults gave the highest vote to oat-based cereals and placed a much heavier emphasis on the sugar-coated cereals than their seniors. Older people (over fifty) expressed a stronger preference for the bran-based and the combination cereals. Rice-based cereals were strong contenders among people who had left school at the grade-school level; college graduates put more emphasis on combination and bran-based products. Seventy-two per cent of the American public awards patronage to breakfast cereal, and two or more varieties were favored by each respondent.

844-73

THE GOURMET GALAXY: A FOOD ODYSSEY.

Bruce Smith

Food Serv. 32 (11): 27-32, Nov 1970.

389,2538 F732

Convenience foods, Food service, Kitchens, Management, Merchandising.

Abstract: Technology removes the need for hard physical labor, but never for true skill. Major food processors have evolved convenience food systems. Benefits accruing from adoption of simplified food service systems include: (a) simplification of assembly lines and "opening up" of worker areas; (b) a cooler, more easily maintained environment (drawing less on employee's patience and care on his level of skill); (c) reduction in number of employees; (d) emphasis on improved plating and garniture--fulfilling consumer needs and wants; and (e) a more tractable relationship between the kitchen and the serving area. To illustrate optimal consumer acceptance with minimal labor output, color photographs give merchandising ideas for various dishes.

845-73

GROUP WORK SESSION: LISTENING GUIDE FOR INTEGRATING NUTRITION EDUCATION INTO THE PROGRAM.

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 236-243. July 12/23, 1971.

LB3479.U5K3 F6N

Management, School lunch, Workshops.

Abstract: This section of the proceedings covers the results of a group work session. Discussion in the work session concerned ideas which various school lunch directors had found satisfactory in their situations and new ideas which participants hoped to try out "back home." All the ideas are listed.

846-73

GROWTH THROUGH NEW VENTURES.

H C Frost

Food Prod Dev. 6(7): 24-28, Nov 1972.

HD9000.LF64

Management, Marketing, Planning.

Abstract: This article describes the "steps toward successfully consummating a new venture." Management objectives and procedures are examined.

847-73

DEVELOPMENT OF EVALUATIVE PROCEDURES FOR ASSESSING OPERATIONAL EFFICIENCY OF SCHOOL FOOD SERVICES.

Robert B Honni

N.p. 164 p. 1968.

TX945.H3 F6N

Evaluation, Food service management, Indiana, Law, Research methodology, School food service.

Thesis (Ed.D.) - Ball State University, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.

Abstract: This doctoral thesis purports to develop a means of evaluating the operational efficiency of school food services. Based on statements of objectives re the school lunch

PAGE 71

848-73

Program, the evaluative instrument measures how closely such programs achieve their goals and which areas need strengthening. The study is designed to assist local school administrators, regardless of the size or location of their food service program.

848-73

INDUSTRIAL SECURITY MANAGEMENT: A COST-EFFECTIVE APPROACH.

Richard J. Healy, Timothy J. Walsh
New York, American Management Association 274 p. 1971.
TM9705.M43 F6N

Cost effectiveness, Management, Personnel management, Planning, Security.
Abstract: This book is a management tool for developing business security systems in terms of both personnel and physical plant. The book tells how to prevent fraud and theft, and how to design and set up computer security incorporating safeguards needed for adequate protection. Another vital section discusses bombs and bomb hoaxes. There are chapters on every problem from civil disturbances and industrial espionage to guard operations and the systems approach to security--a most up-to-date prevention and detection system.

849-73

SECURITY FOR BUSINESS AND INDUSTRY.

Charles F. Heathcote
Homewood, Ill., Dow Jones-Irwin 314 p. 1971.
HV4290.M45 F6N

Equipment, Maintenance, Management, Personnel management, Recordkeeping, Security.
Abstract: This book deals with the prevention of business loss due to theft, vandalism, fire, burglary, embezzlement, and other problems. Part I covers physical controls and security. Part II deals with procedural controls applied to purchasing and receiving, warehousing and stockkeeping, shipping and deliveries, control of sales areas, handling of cash, store theft, and robbery. Part III takes up the human aspects of loss prevention--the dishonest employee, personnel selection, industrial espionage, and so forth. Part IV discusses the special problems of modern business, such as security for electronic data processing installations, riot controls, loss prevention in the office, side product control, and others.

850-73

HOW MUCH DO THEY WANT?

Sch Foodserv J 27 (3): 38-42, Mar 1973.
389.8 SCH6

Portion control, School food service--Type A lunch.
Abstract: Suggests that two lunch sizes might be one way of solving the problem of smaller or larger portions.

851-73

HOW MUCH DOES AN EMPLOYEE REALLY COST?

S Koch
Fast Food 71 (1): 54-63, Jan 1972.
389.2538 F62

Costs, Food service workers.
Abstract: Salary, profit sharing, absenteeism, paid vacations, down time, life insurance, sick pay, rest periods, unemployment insurance, pensions, paid holidays, workmen's compensation, health insurance, social security, bonuses, training, turnover, uniforms, are considered for different kinds of food service employees in different parts of the U.S., as the U.S. average.

852-73

HOW PATRONS ARE LURED TO INDIVIDUAL EATING ESTABLISHMENTS.

Food Serv 34 (11): 15, 78-80, Nov 1972.
389.2538 F732

Advertising, Consumer economics, Merchandising, Surveys.
Abstract: In this survey, Gallup examined advertising and sales promotion techniques that spur new patronage. Word-of-mouth advertising continues to be the number-one lure for attracting customers.

853-73

HOW TO APPLY SYSTEMS ANALYSIS TO YOUR PREPARATION/PROCESSING SUB-SYSTEMS.

Food Serv 32 (9): 41-44, Sept 1970.
389.2538 F732

Cooking equipment (Large), Cooking methods, Facilities planning and layout, Food preparation and distribution systems, Food service management, Systems analysis, Work simplification.
Abstract: It is quite feasible to reconstitute meal-in-a-pouch entrees in a pot of boiling water. It is much more efficient to process such entrees in an electric high-compression steam cooker--more orders in less time with reduced labor input. Determination of the exact type of equipment needed to control costs and labor involvement, while meeting menu and service standards, can spell the difference between profit and loss. Described here are the basic equipment components recommended to management when formulating a systems analysis. Included are microwave ovens, electric convection ovens, electric steam pressure cookers, electric fry kettles, electric griddles, electric toasters, and electric coffee makers.

854-73

HOW TO CAPITALIZE ON STUDENT FOOD PREFERENCE PATTERNS.

Helen Guthrie
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 75-

78. July 12/24, 1971.

LB3479.U5P4 F6N

Food preferences, School lunch.

Abstract: This paper discusses ways to capitalize on student food preference patterns. The three components which influence participation in school lunch programs, the environment, the food, and the individual are presented. An experiment in the use of behavior modification to change vegetable eating behavior in nursery school children is included. A study showed that hot or cold lunches can be equally nutritious and that the cold lunches were somewhat preferred by elementary and junior high students surveyed.

855-73

HOW TO GET INTO THE NEWS.

D Zuesteg
Sch Lunch J 24 (1): 36, 38, 40, 42, Jan 1970.
389.8 SCH6
Information services, School lunch programs.
Abstract: How to keep your school lunch program before the public.

856-73

HOW TO PUSH A GOOD THING.

Audiovisual Instruction 16 (5): 61-63, May 1971.
LB1043.A9

Adolescents (12-19 years), Educational programs, Ohio, Preschool education, Public relations, School community relations, Teacher aides, Work experience.
Abstract: The Teen Tutorial Program in Grove City, Ohio, gives teenagers a chance to work as classroom aides for preschool compensatory education programs. This article describes the public relations effort that was used to publicize this particular program and enhance the innovative image of the school system.

857-73

THE IDEALS CONCEPT--A SYSTEMS APPROACH TO SCHOOL FOOD SERVICE PROBLEMS.

James T. Johnston
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 16.
July 19/30, 1971.
LB3479.U5W5 F6N

Models, School food service, Systems approach.
Abstract: This paper presents the IDEALS Concept, and describes the potential use of this systems approach in school food service.

858-73

IDEAS FOR PROMOTING PARTICIPATION.

Sch Foodserv J 25 (10): 48-49, Nov/Dec 1971.
389.8 SCH6

Diet improvement, Food habits, Nutrition education, Parent participation, School food service.
Abstract: Parents should assume that the school food service is an educational part of the school program. Ways in which parents may increase participation are discussed.

859-73

IDENTIFICATION OF COMMUNICATION PROBLEMS IN ORGANIZATIONS.

Michael Gordon
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p 77-85. June 15/16, 1970.
LB3479.U5T4 F6N

Case studies, Communications, Organizations.
Abstract: Advanced developments in the field of communications as they apply to organizations are presented. New techniques, leading authorities in communications reviewed.

860-73

THE IMPACT OF CONVENIENCE FOOD SYSTEMS ON THE WORKING ENVIRONMENT.

John F. McCabe
Food Serv 33 (6): 45-46, Jun 1971.
389.2538 F732

Commercial food service, Convenience foods, Food preparation and distribution systems, Food service management, Work simplification.
Abstract: A frozen prepared food system turns a kitchen into a modern, efficient plant. There is a smooth, short, direct flow pattern with no need to lug products long distances. Food is prepared by the flick of a few switches and turns of a knob. Savings include fewer staff, reduced space requirements, and fewer pieces of equipment. In addition, there is more time for attention to garnishing and food presentation.

861-73

INCREASING EMPLOYEE PRODUCTIVITY AND REDUCING TURNOVER.

Walter W. Palmer, Charles C. Dean
Training And Dev J 27 (3): 52-54, Mar 1973.
LC1041.T7

Job training, Management, Personnel management, Training, Work attitudes, Work experience programs.
Abstract: A major problem experienced by many businesses is employee turnover resulting in low productivity. Thousands of dollars are spent to train workers, only to lose these employees in a short period of time. The author speaks to these problems by discussing some effective measures to be taken in the hiring, training, and maintaining of employees.

PAGE 72

- 862-73**
BAKER BOY MANUAL: A GUIDEBOOK FOR YOUR RETAIL OPERATION.
 Indiana Bakers Association, Inc.
 Ford A Doll
 Indianapolis, Indiana Bakers Association, Inc. 159 p. illus. (n.d.).
 TX763.15 F5M
 Advertising, Baking, Batters and doughs, Catering, Commercial food service, Food cost analysis, Manuals, Personnel management, Recipes.
 Abstract: This is a collection of speeches, magazine articles, and original articles on the equipment, material, methods, and problems involved in operating a retail bakery.
- 863-73**
INDUSTRY-WIDE RESPONSE TO THE "RAW-TO-READY" SCALE.
 Food Serv. 32 (9): 46-48, 50, Sept 1970.
 389-2538 F732
 Convenience foods, Evaluation, Food preparation and distribution systems, Food service management, Work simplification.
 Abstract: This is a simple ten-point system of measuring required labor input for food preparation, using "raw" (haute cuisine) as zero and plate-ready (snack bar) as ten. Management can determine the relationship of any individual menu mix to the most effective preparation/processing sub-system. Results of a questionnaire using the raw-to-ready scale and filled out by 300 operators indicate: (a) a relatively high level of product sophistication; (b) inadequate quality of many convenience foods, resulting in lack of patron acceptance; (c) equipment-related problems---lack of knowledge about the virtues of convection ovens, microwave ovens, compartment steamers, and so on; (d) not enough variety, as yet, in convenience foods (some of this attitude is due to lack of knowledge as to what is really available); and (e) inadequate food handling instructions.
- 864-73**
INDUSTRY'S STRUGGLE WITH WORLD MALNUTRITION.
 Allen Berg
 Harvard Bus Rev 50 (1): 130-141, Jan/Feb 1972.
 280-8 H252
 Developing nations, Diet improvement, Food delivery systems, Food industry, Food technology, Low income groups, Malnutrition, Marketing, Nutritional status.
 Abstract: Corporate leaders and nutrition advocates have devoted much time and effort to involving private industry in producing new nutritious foods. However, prospects are not bright for reaching a significant number of needy people with proprietary foods marketed in the conventional manner. The major problem is the inability of reconciling corporate profit with a product low enough in cost to reach the needy in large numbers. This discussion does not deny that the food industry has the potential for making a major contribution, but rather suggests that it probably will not materialize under existing circumstances. Business leaders must make governments aware that they will have to provide the proper climate and pay the necessary price via incentive policies to obtain the commercial involvement needed to make a major nutritional impact. The question is not whether government supports to industry are palatable, but whether the cost and relative significance of conventional private sector involvement is worthwhile when compared with alternative ways of achieving the same nutrition objective.
- 865-73**
MANAGEMENT ASPECTS OF SCHOOL LUNCH PROGRAMS IN IOWA.
 Iowa, State College of Agriculture and Mechanic Arts, Ames, Agricultural Experiment Station
 Beatrice Donaldson, Grace M. Augustina
 Ames, Iowa 20 p. 1957.
 L83475.155 F6N (Iowa, State College of Agriculture and Mechanic Arts. Research bulletin 445)
 Costs, Diet, standards, Facilities planning and layout, Food service management, Iowa, Personnel, School lunch programs, Student participation, Surveys.
 Extract: A survey was made of management aspects of lunch programs in 25 Iowa schools (6 high, 6 elementary and 13 with 12 grades) that were drawn as a sample to represent the 622 Iowa schools in which full meals were served during the 1964-65 school year. Two kinds of information were obtained in this survey: information about procedure used in studying school lunch programs and information about aspects of management in school lunch programs.
- 866-73**
IS SCHOOL LUNCH 25 YEARS BEHIND?
 Sch Foodserv J 25 (10): 12-14, Nov/Dec 1971.
 389-8 S46
 Costs, Food service industry, School food service, School lunch programs, Systems analysis.
 Abstract: "Systems Impact: the food service industry of the 70s" was the theme of the 1971 conference of the Institutional Food Editorial Council held in Memphis, Tennessee. Unit cost, systems analysis, convenience food systems, labor problems, costs, equipment, taste of food, were discussed.
- 867-73**
BUDGETING: KEY TO PLANNING AND CONTROL; PRACTICAL GUIDELINES FOR MANAGERS.
 Reginald L. Jones, H. George Trentin
 New York, American Management Association, Inc. 308 p. 1971.
 HF5550.J6 F6N
 Budgeting, Costs, Management, Planning, Recordkeeping, Simulation.
 Revised.
 Extract: Improvements in the art of designing management systems in the few years since the first edition of this book was published have compelled this revision. Rather than detracting from the importance of sound budgeting systems, these new developments have emphasized the essentiality of good budgeting as a prerequisite to the more advanced techniques inherent in financial models, risk analysis, and management information systems development.
- 868-73**
PLANNING AND OPERATING A SUCCESSFUL FOOD SERVICE OPERATION.
 William L. Kahrl
 New York, Chain Store Age Books 240 p. 1973.
 TX943.K3 F5M
 Commercial food service, Equipment, Facilities planning and layout, Food preparation, Quantity, Food service management, Merchandising, Personnel management, Purchasing, Sanitation.
 Abstract: Emphasizing the need for standardization in a restaurant's physical planning, the author presents various ways to modernize operations economically and efficiently. The layout and design, semi-automated equipment, labor-saving devices, improved merchandising, prepared foods, streamlined menus, and controlled purchasing and storage are all discussed.
- 869-73**
MANAGEMENT MANUAL, TYPE A LUNCH.
 Kansas, Dept. of Education, Division of School Administration, School Lunch Section
 Topeka, Kans. 83 p. 1968.
 TX945.K3 F5M
 Food purchasing, Food service management, Menu planning, Personnel, Recipes, Safety, Sanitation, School food service, Work simplification.
 Reprinted 1970.
 Abstract: This manual contains materials for a training program on food service management. An hour-by-hour program outline is provided along with considerable additional information.
- 870-73**
THE BASIC FOUR OF WORK: AN APPLICATION OF WORK METHODS OF FOOD SERVICE.
 Kansas State University, Institutional Management Department
 Raymona Middleton, Judy Hollie
 Manhattan, Kan. 30 p. illus. (n.d.).
 TX921.K3 F5M
 Equipment, Food service workers, Safety, Sanitation, Work simplification.
 Abstract: This pamphlet illustrates with words and pictures the four basic factors involved in food service work: the worker, the environment, the equipment, and the methods. Safety, sanitation, and efficiency are emphasized.
- 871-73**
WORK ANALYSIS AND DESIGN FOR HOTELS, RESTAURANTS AND INSTITUTIONS.
 Edward A. Kazarian
 Westport, Conn., AVI Publishing Co. 356 p. illus. 1969.
 TX911.K36 F5M
 Analytical methods, Food service management, Personnel management, Recordkeeping, Work simplification.
 Abstract: This book deals with the study of work systems that are commonly found in hotels, restaurants, and institutions. Its primary purpose is to present the principles, knowledge and techniques required to successfully analyze and design such work systems so that they are as efficient as possible. The basic material presented has been primarily drawn from the field of industrial engineering. This book can serve as a text for classroom instruction at the university and junior college level and as a basic reference for managers, administrators, and supervisors currently engaged in hotel, restaurant or institutional work. The book also serves as a source of prerequisite knowledge to the study of layout and design of facilities.
- 872-73**
PRINCIPLES OF MANAGEMENT: AN ANALYSIS OF MANAGERIAL FUNCTIONS. 5th ed.
 H. Koontz, C. O'Donnell
 New York, McGraw-Hill 747 p. 1972.
 H031.K6 1972 F5M (McGraw-Hill series in management)
 Management education, Organization, Personnel management, Planning, Textbooks.
 Extract: It is the purpose of this book to present the basics of an operational theory of management. Authors furnish a framework of basic knowledge organized and presented in a useful way. As a first classification of this knowledge, the functions of planning, organizing, staffing, directing, and controlling are dealt with. The principles related to the tasks of managing apply to any kind of enterprise in any kind of culture.
- 873-73**
APPRAISING MANAGERS AS MANAGER.
 Harold Koontz
 New York, McGraw-Hill Book Company 239 p. 1971.
 HF5549.P35K6
 Administrative personnel, Evaluation, Management, Planning.
 Abstract: One of the weakest links in management has been the

874-73

evaluation of managers. Traditional appraisal of managers on the elusive standards of personal traits or work qualities has been both ineffective and illusory. Disillusioned by subjectivity of traits and work qualities, intelligent practitioners have understandably looked at what the purpose of organized activity is and basic tasks of a manager in acting as a catalytic force in enterprise operation. It therefore became natural and logical to appraise managers against the standard of their most important criterion of performance--the setting and achievement of objectives. The purpose of this book is to set forth an appraisal program that emphasizes both appraisal against objectives and appraisal of managers as managers.

874-73

PROMOTION IN FOOD SERVICE.

S Laine, I Laine

New York, McGraw-Hill 202 p. 1972.

TX911.3.P77L3 F64

Advertising, Food service, Merchandising, Teaching guides. Abstract: Authors point out that it is not enough to present food with appetite appeal. It is equally important, perhaps more important, to be able to promote or project the food so as the customer, patron, patient, or guest is satisfied. An attempt has been made to explain the bare promotion and all of its subdivisions, such as merchandising, advertising, publicity and public relations.

875-73

LET'S TELL IT LIKE IT IS!

R J Lichtenfeld

Sch Lunch J 25 (2): 47-48. Feb 1971.

389.8 SCH6

Catering, Food service management, School food service. Abstract: Editorial refuting claims of food service industry concerning value of catering to colleges and universities.

876-73

ASSOCIATES OF LOOK'S HANO BOOK.

G O Look

Houston, Tex. 53 p. 1957.

TX925.L6 F6N

Food service workers, Manuals, Restaurants. Abstract: This booklet was prepared for employees of Look's restaurants in Houston. While it deals with the procedures and policies of a particular restaurant, it might be of some value to other food service operations. Job descriptions: rules for personal hygiene and behavior; legal regulations; tips on salesmanship; and descriptions of serving styles are included.

877-73

LOW PRODUCTIVITY: THE FOODSERVICE TAPEWORM.

T Elliott

Cooking for Profit 40 (241): 42-44-43-64-66. Jan 1971.

TX901.C6

Commercial food service, Food service management, Food service workers. Abstract: Employee productivity rate is about 45%. Time is wasted in waiting, walking, idling. Our three meals a day eating pattern creates great fluctuation in work load. Worker turnover contributes also. Includes charts on how to get and keep productive employees, and on the highly productive worker.

878-73

THE MANAGEMENT OF PEOPLE IN HOTELS, RESTAURANTS, AND CLUBS.

Donald E Lundberg, James P Armatis

Dubuque, Iowa, Wm. C. Brown 231 p. 1964.

TX911.3.P4L8 F6N

Food service management, Hotels, Job placement, Job training, Motivation, Personnel management, Recruitment, Restaurants, Salaries.

Abstract: This manual is aimed at people who intend to work as personnel managers in the hotel and food service businesses. The personnel manager works directly with employees, making sure they are satisfied, understand their duties and are doing them effectively, and are receiving credit for good performance. These areas are in addition to the obvious ones of recruiting, interviewing, hiring, evaluating, and firing personnel. This manual outlines all these aspects and gives practical advice on their accomplishment.

879-73

MAKING CAFETERIAS WORK.

Fast Food 71 (3): 151-152, 154, 156, 172. Mar 1972.

389.2538 F82

Cafeterias, Costs, Food quality, Food service, Maintenance, Management development, Personnel management, Training. Abstract: Food service industry management must get into the units to see what is happening, and must be in touch with other phases of management to know overall goals.

880-73

MAN-MACHINE PRODUCTIVITY OF DISHWASHING OPERATIONS IN HOSPITALS.

Elizabeth J Cieserco, Geraldine M Montag

J Am Diet Assoc 51 (6): 651-657. Dec 1972.

389.8 A734

Dishwashers, Dishwashing, Hospital food service, Job analysis, Time/motion studies, Work simplification. Abstract: The fixed interval approach to work sampling was used in a study of dishwashing operations in six hospitals

of varying volumes to determine employee times for twelve activities associated with dishwashing; machine times were determined by continuous time study for these elements of the dishwashing cycle concerned with the consumption of utilities. Employee times and machine times per 100 items washed were calculated. Times were compared on the basis of productive and non-productive time; productive time and productive time plus forced delay time; and time for set-up, do, and put-away tasks. Labor time/volume functions were developed which portrayed both mathematically and graphically labor minutes per day at different volumes of 100 item units.

881-73

MANAGEMENT FUNCTIONS OF SCHOOL AND NON SCHOOL FOOD SERVICES.

Mary Ja Hitchcock

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin. Univ. of Tenn., 1969 p 23-27. June 1972.

L83479.U574 1969 F6N

Administration, Food service, Management, School food service. Abstract: Managerial concepts are discussed as a means to attain goals and the best use of resources in School Food Services field.

882-73

MANAGEMENT NEEDS BETTER UNDERSTANDING OF FOOD SERVICE POTENTIALS IN PLANNING AND USING EFFICIENT FOOD SERVICE FACILITIES.

Bradford S MacNulty

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 301-320. July 12/24, 1970.

L83479.U5H3 F6N

Federal programs, Management, School lunch programs, State government. Abstract: Management education in the planning and administration of food service program in view of "traditional" concept vs "change".

883-73

MANAGING CHANGE IN FOOD SERVICE OPERATIONS.

Beatrice Donaldson

J Am Diet Assoc 57 (4): 335-340. Oct 1970.

389.8 AM34

Food service, Food service management, Food service workers, Planning, Resistance to change, Systems analysis. Abstract: The author recommends that the process of change in food service operations be deliberately planned for and managed to bring order, logic, and a sense of value into the system. In this way, adapting to change may be less traumatic, and human resistance to change may be minimized.

884-73

USING FINANCIAL STATEMENTS IN FOOD SERVICE ESTABLISHMENTS.

Massachusetts, University, Cooperative Extension Service Robert F Lukowski, Charles E Eshbach

Amherst, Mass. 16 p. 1964.

HF5681.02M3 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 11)

Accounting, Commercial food service, Food service management. Abstract: This publication provides basic information to help owners and managers of food service firms to understand better financial statement analysis. It is not designed for accountants and others who know the fundamentals of financial analysis. This publication is not intended to cover all phases of financial statement analysis. It is designed to call to the attention of owners and managers of food service establishments the importance of using financial analysis as a guide in measuring the progress of their businesses.

885-73

OPERATING BUDGETS FOR FOOD SERVICE ESTABLISHMENTS.

Massachusetts, University, Cooperative Extension Service

Albert L Wrisley

Amherst, Mass. 20 p. 1967.

HF5686.F61M3 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 12)

Accounting, Budgeting, Commercial food service, Food service management. Abstract: Operating budgets are a fundamental and vital part of the management of the food service establishment and should be well understood and easily used by any food service operator. The purpose of this publication is to show the importance of using operating budgets as a tool for the profitable operation of a food service firm, and to show a basic method of creating a simple budget.

886-73

USING BREAK-EVEN ANALYSIS IN FOOD SERVICE ESTABLISHMENTS.

Massachusetts, University, Cooperative Extension Service Robert F Lukowski, Charles E Eshbach

Amherst, Mass. 20 p. 1965.

HF5686.M61M32 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 13)

Accounting, Commercial food service, Cost effectiveness, Food service management. Abstract: Break-even analysis gets its name from the "break-even" point, where a business is just breaking even; neither making a profit nor incurring a loss. It is the point where the total expenses and the total income are equal. Every food service establishment, just as every other business, has such a break-even point. This publication discusses some of the practical uses of break-even analysis in a food service operation. It is not a manual on the complete use of the break-even

system. This publication is designed primarily to make food service operators aware of the break-even system as an effective managerial tool for decision making.

887-73

THE MEDIA BUREAUCRACY.

John H. Jenson

Audiovisual Instruction 16 (5): 60-61. May 1971.

LB1043.A9

Administration policies, Bureaucracy, Colleges, Information services, Instructional materials centers, Public relations. Abstract: College teachers may be deterred from using media centers if the rules and procedures of the center alienate them. This article suggests how to untangle the bureaucratic knots that often cause conflict between the media center and the faculty.

888-73

METHODS FOR ANALYZING OPERATIONS IN SCHOOL FOOD SERVICE.

Mary J. Mahaffy, M. Eileen Matthews

In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p. 30. July 19/30 1971.

LB3479.U5W5 F6N

Management, School food service.

Abstract: This paper presents methods for analyzing labor utilization, establishing needs for training, evaluating the tastes of commercially prepared foods and using computers for menu planning and other management procedures in the operation of a school food service.

889-73

THE MID-LIFE CRISIS. I.

J. Feenpfefer

Fast Food 71 (3): 112, 115-116, 118, 164, 166. Mar 1972.

389.2538 F82

Individual development, Mid-life crisis, Middle adults (35-64 years).

Abstract: Only in the last five years has mid-life crisis been recognized as a true developmental stage, with its onset, duration, and outcome influencing behavior.

890-73

THE MORE EFFECTIVE SCHOOL FOOD SERVICE SUPERVISOR IN THE LARGER JOB.

Jane F. McCullough

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p. 367-373. July 12/24, 1970.

LB3479.U5M3 F6N

Administration, Management, Management education.

Abstract: Management education, development and standards.

891-73

THE ART OF MOTIVATING: A GUIDE TO GETTING MORE ACCOMPLISHED BETTER THROUGH OTHERS.

Jud Porris

Boston, Industrial Education Institute 318 p. illus. 1968. HF5549.S.M45M6 F6N

Motivation, Personnel management, Vocational development.

Abstract: It is the author's opinion that "basically, motivation consists of replacing individual goals with group objectives in such a manner as to achieve cooperative teamwork". In an explanatory manner, he explicates his fundamental principles: compatibility of objectives; motivational flexibility; multidirectional motivation; management saturation; self-motivation; free passage of communications; individual participation; credit and blame, authority, responsibility, and accountability; conscious self-motivation; and respect for the potential worth of the individual.

892-73

MOTIVATION AND PRODUCTIVITY.

Donald E. Lundberg

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p. 330-345. July 12/24, 1970.

LB3479.U5M3 F6N

Food service, Group dynamics, Management.

Abstract: Discussing history of management style, its progressive change to today's management concept.

893-73

MOTIVATION: THE IMPORTANCE OF BEING EARNEST.

M. Karl

Sch. Foodserv. J. 25 (2): 60-63. Feb 1972.

389.8 SCH6

Food service, Motivation, Personnel, Personnel management.

Abstract: Guest editorial on motivation of students and workers in food service.

894-73

THE "HOUSE AND THE ASTRONAUT.

C. O. Sabino

Sch. Lunch J. 24 (2): 27-28. Feb 1970.

389.8 SCH6

Education, Finance, Health education, School food service, School lunch programs.

Abstract: Resume of presentation concerning financial procedures (23rd annual convention of the American School Food Service Association, Detroit, Aug. 7, 1969) as part of the instructional program, supported entirely by the district.

895-73

THE NATION'S MOST DESIRED DESSERTS.

Food Serv. 35 (4): 14, 74-77. Apr 1973.

389.2538 F732

College students, Desserts, Food preferences, Surveys.

Abstract: Ice cream is the favorite dessert of college students, according to this Gellius poll; strawberry shortcake is second, and apple pie third. By comparison with a 1967 poll of adults, college students are more likely to eat desserts, and are more likely to choose fresh fruits, cheese, or French or Viennese pastries.

896-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU EMPLOYEE AND MANAGEMENT MEETINGS.

National Restaurant Association

Travis Elliott

Chicago, Ill. 28 p. 1966.

TX911.3.P4N32 F6N

Commercial food service, Communications, Conferences, Food service management, Personnel management.

Abstract: This is pamphlet No. 2 in a series of nine, giving practical advice on food service management for food service executives. This manual provides step-by-step instruction on how to plan, prepare for, and conduct meetings that will accomplish goals and provide needed communication among employees.

897-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU GOOD SUPERVISION.

National Restaurant Association

Travis Elliott

Chicago, Ill. 36 p. 1966.

TX911.3.P4N32 F6N

Commercial food service, Food service management, Job placement, Job training, Personnel management, Supervision.

Abstract: This is pamphlet No. 3 in a series of nine, giving practical advice on food service management for food service executives. This manual presents certain basic principles and techniques of supervision that are widely accepted and practiced and that have proved themselves effective.

898-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU COUNSELLING AND INTER-COMMUNICATION.

National Restaurant Association

Travis Elliott

Chicago, Ill. 24 p. 1966.

TX911.3.P4N32 F6N

Communications, Food service management, Guidance, Personnel management.

Abstract: This is pamphlet No. 8 in a series of nine, giving practical advice on food service management for food service executives. This manual provides principles and techniques for effective communications and interpersonal relations. Chapters deal with such topics as how to talk "with" (rather than talk "at") people, how to listen and "read between the lines," and how to give advice effectively.

899-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU PERFORMANCE APPRAISALS.

National Restaurant Association

Travis Elliott

Chicago, Ill. 36 p. 1966.

TX911.3.P4N32 F6N

Commercial food service, Evaluation, Food service management, Food service workers, Performance criteria, Personnel management.

Abstract: This is pamphlet No. 7 in a series of nine, giving practical advice on food service management for food service executives. This manual deals with essential guidelines for developing a system for equably evaluating worker performance and establishing and communicating job requirements so workers can carry them out effectively.

900-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU REDUCTION OF EMPLOYEE TURNOVER.

National Restaurant Association

Travis Elliott

Chicago, Ill. 31 p. 1967.

TX911.3.P4N32 F6N

Commercial food service, Food service management, Food service workers, Job placement, Morale, Personnel management.

Abstract: This is pamphlet No. 4 in a series of nine, giving practical advice on food service management for food service executives. This manual presents established, proven, and widely practiced principles and techniques for reducing labor turnover and thus getting and keeping good employees.

901-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU WORKER MOTIVATION.

National Restaurant Association

Travis Elliott

Chicago, Ill. 35 p. 1967.

TX911.3.P4N32 F6N

Commercial food service, Food service management, Food service workers, Motivation, Personnel management, Psychology, Supervision.

Abstract: This is pamphlet No. 6 in a series of nine, giving practical advice on food service management for food service executives. This manual sets forth widely accepted and com-

902-73

nly practiced understandings, principles, and techniques of worker motivation. Topics covered include (1) management beliefs affecting motivation, (2) psychological bases, (3) supervisory attitudes, (4) characteristics of a productive supervisor, (5) developing leadership, and (6) understanding others' motives and needs.

902-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU JOB ANALYSIS, DESCRIPTIONS, AND SPECIFICATIONS.

National Restaurant Association

Travis Elliott

Chicago, Ill. 32 p. 1956.

TX911.3.P443 FCN

Commercial food service, Food service management, Job placement, Job training, Personnel management, Work simplification. Abstract: This is pamphlet No. 1 in a series of nine, giving practical advice on food service management for food service executives. This manual sets forth the essential steps, methods, and techniques for establishing an efficient organizational structure and reappraising an existing organizational structure.

903-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU RECRUITMENT AND SELECTION OF EMPLOYEES.

National Restaurant Association

Travis Elliott

Chicago, Ill. 36 p. 1956.

TX911.3.P44328 FCN

Commercial food service, Food service management, Job placement, Personnel management, Recruitment.

Abstract: This is pamphlet No. 9 in a series of nine, giving practical advice on food service management for food service executives. This manual presents principles and methods of hiring and recruitment. Step-by-step procedures for hiring personnel are outlined in detail.

904-73

PROFITABLE FOOD SERVICE MANAGEMENT THRU JOB EVALUATION.

National Restaurant Association

Travis Elliott

Chicago, Ill. 30 p. 1957.

TX911.3.P44324 FCN

Commercial food service, Evaluation, Food service management, Job placement, Personnel management, Salaries.

Abstract: This is pamphlet No. 5 in a series of nine, giving practical advice on food service management for food service executives. This manual presents the job-ranking/factor-comparison method of job evaluation in order to establish equity in the wage structure. The method is set out in simple "how to" steps.

905-73

NEEDED: PUBLIC RELATIONS FOR PROGRAM EXPANSION.

Robert A. Lynn

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 88-104. July 12/23, 1971.

LB3479.U5K3 FCN

Nutrition education, Public relations.

Abstract: This paper gives an extensive review of the many facets of public relations. A definition of public relations, the strengths and limitations of public relations, getting the message heard, how to make the news, using the media for best results and getting the message across are included.

906-73

THE NEW CONVENIENCE FOODS PROGRAM CONCEPT (FILMSTRIP/RECORD): NATIONAL RESTAURANT ASSOCIATION; PRODUCED BY ALAN M. FISHER PRODUCTIONS.

National Restaurant Association

Chicago, National Restaurant Association 1 filmstrip, 254

Fr., col., 35mm, and phonodisc, 22 min. 1971.

TX349.N4 FCN AV

Commercial food service, Convenience foods, Facilities planning and layout, Food preparation and distribution systems.

Set includes: 1 record; 33 1/3 rpm (Automatic). Abstract: This color filmstrip presents the options and factors that a food service operator should consider in building or converting to a convenience foods operation. The visual elements have been simplified and the eleven steps of the feasibility study, an integral part of the concept, are explained in detail. This film should help the operator decide whether or not convenience foods would be useful in his operation.

907-73

NEW DEVELOPMENTS IN SCHOOL FOOD SERVICE.

Edward J. Haxman

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 327-333. July 12/23, 1971.

LB3479.U5K3 FCN

Federal programs, Legislation, Nutrition education, School food service.

Abstract: This paper discusses new developments in school food service. Included is information on recent Federal legislation pertaining to nutrition and nutrition education, USDA Special Developmental Projects, the establishment of an Information and Educational Materials Center in connection with the National Agriculture Library, ongoing studies to evaluate and improve child nutrition programs, computer assisted menu planning, introduction of nutrient standards in lieu of the Type A Lunch

requirements, and the introduction of engineered foods.

908-73

A NEW ERA IN SCHOOL FOOD SERVICE.

Josephine Matin

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 26-38. July 12/23, 1971.

LB3479.U5K3 FCN

History, Legislation, School food service.

Abstract: This paper discusses the new era in school food.

909-73

PERSONNEL MANAGEMENT AND WORK ORGANIZATION; SCHOOL LUNCH, COURSE 4.

New Mexico, Dept. of Education

Santa Fe, N.M. 89 p. 1966.

LB2844.2.N4 FCN

Food service management, National School Lunch Program, Personnel, School lunch programs, Work simplification.

Abstract: This workbook is one from a series of courses offered to school lunch personnel on various topics. The emphasis is on practical procedures and problems of the food service worker and manager.

910-73

INNOVATIVE MANAGEMENT FOR THE EXPANDING SCHOOL FOOD SERVICE PROGRAM; PROCEEDINGS.

Northeast School Food Service Seminar; Univ. of Massachusetts, 1970

Amherst, Mass. 402 p. 1970.

LB3479.U5M3 FCN

Food service management, Inservice education, Proceedings, School food service, Seminars.

Abstract: This section of the Proceedings of the Northeast School Food Service Seminar includes the presentations made by the seminar speakers and instructors, and highlights of the discussions which took place following presentations. The people who appeared on the program included professors, school food service administrators and business managers, school food service suppliers, food manufacturers, school food service system people, and representatives of the United States Department of Agriculture and the state departments of education. Also on the program were school food service people operating programs with new clientele. The presentations were designed to provide seminar participants with instruction, demonstration, and information contributing to innovative management for expanding school food service programs.

911-73

A COMPILATION OF INFORMATION ON COMPUTER APPLICATIONS IN NUTRITION AND FOOD SCIENCE.

Ohio State University, School of Allied Medical Professions,

Division of Medical Dietetics

John P. Cosbergue

Columbus, Ohio 87 p. 1968.

Z5776.N4D5 FCN

Bibliographies, Computer applications, Food service, Management, Menu planning, Nutrition.

Extract: Information is compiled on the application of computers to nutrition and food service. This information should assist dietitians and nutritionists interested in applying electronic data processing to food service and related industries. The compilation is indexed by subject area. Included for each subject area are: (1) bibliographic references, (2) references to and descriptions of talks, (3) reports on the proceedings of meetings, and (4) educational courses or workshops, and applications and research progress reports.

912-73

OPTIMIZING OUR HUMAN RESOURCES.

J. E. Shinn

Sch Lunch J 25 (4): 28-30. Apr 1971.

-389.4 SCH6

Food service management, Food service occupations, School food service, Training, Work simplification.

Abstract: Suggestions for efficient use of food service personnel by management through improved performance, training, and work methods.

913-73

ORGANIZATION AND COORDINATION OF RESOURCES.

Thalma Flanagan

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1969 p 38-50. June 16/27, 1969.

LB3479.U5T4 1969 FCN

Management, School food service.

Abstract: Management resources and objectives are discussed. PERT, PPBS, SCORE, and others as they relate to School Food Service Systems.

914-73

ORGANIZING CENTRALIZED SCHOOL FOOD SERVICE SYSTEMS.

Gertrude Applebaum

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p 48-63. June 15/26, 1970.

LB3479.U5T4 FCN

Case studies, Food delivery systems, Organization.

Abstract: Discussion of the organization of the Corpus Christi School District centralized food service system. Used as a guideline for current efforts in management planning and orga-

nizational structuring.

915-73

ORGANIZING FOR MARKETING AND NEW PRODUCT DEVELOPMENT.

Ed Gutelius
Food Prod Dev 5 (4): 29-32, Jun/Jul 1971.
HD4000.LF64
Food Processing, Food technology, Management, Marketing, Merchandising, New products.
Abstract: The author explains how and why new product development is "so snarled up in many complexities that often its efforts begin cancelling each other out." He concludes that many development departments should be closed down if top management won't spend at least one day a month reviewing new product direction, and new departments should never be started if the chief executive isn't willing to establish priorities and realistic goals.

916-73

A PROPOSED PROCEDURE OF STANDARDIZED ACCOUNTING FOR THE SCHOOL LUNCH PROGRAMS IN OKLAHOMA.

Donald J. Owen
N.p., 136 p., 1963.
LB2830.O9 F6N
Accounting, Oklahoma, Recordkeeping, Records (Forms), Research, School lunch programs, Secondary education, Surveys.
Thesis (Ed.D.) - University of Oklahoma, authorized facsimile by University Microfilms, Ann Arbor, Michigan, 1972.
Abstract: This doctoral thesis purports to study accounting procedures in school lunch programs. The author sought to find the best method of (1) accounting for meals served (at a full rate, reduced rate, and free), (2) accounting for a special milk program, (3) accounting for all school lunch funds at a local level.

917-73

PANEL ON CHARACTERISTICS OF CENTRALIZED FOOD SERVICE SYSTEMS.

Stanley Smith, Eleanor Pratt, Gertrude Applebaum
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p 28-37. June 15/26, 1970.
LB3479.UST4 F6N
Administration, Food preparation and distribution systems, Management, School food service.
Abstract: Centralized food service systems expansion as a goal and objective.

918-73

PATRONS SPEAK OUT ON MENU PRESENTATIONS.

Food Serv 33 (6): 10-14, Jun 1971.
369.2538 F732
Commercial food service, Evaluation, Menu design, Surveys.
Abstract: This survey revealed that 55% of those interviewed liked menus "printed in plain and readable type--especially under subdued lighting." Menus of manageable size, historical menus, and placemat menus (in the case of roadside restaurants) were also well liked. Very few people liked original new names for familiar dishes, or those menus establishing the "personality" of the restaurant. Overall, it would seem that most people like a clean, readable, informative, practical menu, and care little for superficial, fancy design.

919-73

SCHOOL FOOD SERVICE FINANCIAL MANAGEMENT HANDBOOK FOR UNIFORM ACCOUNTING: A COMPLETE SYSTEM. Preliminary edition.

Peat, Marwick, Mitchell and Company
N.p., 1 v. (various pagings). Feb 1973.
HF5550.PA F6N
Accounting, Budgeting, Food service management.
Extract: This handbook is intended to assist the School Food Authority and those responsible for recording and reporting on the various financial activities of a school food service fund. Describes uniform accounting systems suitable for use by all school food authorities. It may be used in whole or in part depending upon the accounting system currently in use and its ability to achieve the results described.

920-73

THE SCHOOL ADMINISTRATOR AND THE FOOD SERVICE PROGRAM.

John M. Perryman
Washington, D.C., National Association of Elementary School Principals, National Education Association 32 p. 1972.
LB3475.P4 F6N
Administrator role, Educational administration, Nutrition education, School food service.
Abstract: The aim of this publication is to help elementary school principals establish or improve the school lunch program. Besides the nutrition aspect, the booklet stresses that "the school lunch program should do far more than alleviate hunger." Principals should also ensure that it is offered as a valuable and pleasant social experience.

921-73

PLANNING SHORT AND LONG RANGE OBJECTIVES FOR THE FUTURE OF THE SCHOOL FOOD SERVICES.

John Perryman
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1969 p 28-37. June 16/27, 1969.
LB3479.UST4 1969 F6N
Federal progress, Planning, School food service.
Abstract: School Food Service as an integral part of the edu-

ational pattern is proposed, long and short range objectives stated.

922-73

POSITION PAPER ON AUTOMATIC FOOD SERVICE.

American Dietetic Association
J Am Diet Assoc Chicago, Ill. 58 (5): 446, May 1971.
369.8 AM34
Administration Policies, American Dietetic Association, Automated food service.
Abstract: Whenever automated food service is used, The American Dietetic Association recommends the following conditions be upheld: (1) proper control of products to insure variety and acceptability; (2) highest standards of sanitation and maintenance; (3) knowledge of current regulations to insure the safety of clientele from faulty equipments, such as microwave ovens; (4) proper pricing of products; (5) Pleasant decor and surroundings; (6) sufficient management control to assure adequate financial returns; (7) knowledge of legal responsibilities, including use of contractual agreements.

923-73

POSITIONING CREATIVE TOUCH - A NEW WAY TO FLAVOR FOODS.

Walter T. McAndrew
Food Prod Dev 5 (7): 28-30, Nov 1971.
HD9000.LF64
Consumer economics, Flavor intensifiers, Flavorings, Marketing, Merchandising, Miscellaneous foods.
Abstract: This article tells the story of how a new line of flavoring products, called "Creative Touch," was developed and marketed. The author describes the use of consumer surveys to establish that a market existed for the product. He emphasizes the features of the product that were adjusted to appeal to consumer needs, and touches on the packaging and advertising aspects of the product's promotion.

924-73

PREVENTING EMPLOYEE THEFT (FILM LOOP).

National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, cel, 12 min. In-d.l.
HV6648.P7 F6N AV
Employee theft, Personnel management, Theft.
With study guide.
Abstract: Clearly and emphatically shows ways to reduce employee pilferage and embezzlement, a multi-billion-dollar-a-year problem faced by all organizations, public and private. Through the clever wiles of a pickpocket who acts as host, basic principles of theft prevention are dramatically illustrated: reducing temptation, limiting opportunity, establishing controls, and communication. "Tricks of the Trade" revealed as four jailed felons tell how they took advantage of opportunities for theft. Modern surveillance devices shown, but emphasis on a coordinated program of prevention involving communication and control on every level, from the use of simple locks to proper accounting procedures.

925-73

PROBLEM SOLVING AND CONFLICT RESOLUTION.

Alan C. Filley
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 55-56. July 19/30 1971.
LB3479.UM5 F6N
Management games, Problem solving, Simulation.
Abstract: This paper deals with techniques for problem-solving and conflict resolution. The Integrative Decision Method was considered and seminar participants were involved in several role-playing situations to illustrate this approach.

926-73

PROFESSIONALISM.

H. Fleck
Forecast Home Econ 18 (6): F61/F64, Feb 1973.
321.8 H752
Home economics, Professionalism.
Abstract: Ways in which home economics may maintain strong professional status.

927-73

PURPOSEFUL CHANGE IN SCHOOL FOOD SERVICE PROGRAMS.

Beatrice Donaldson David
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 64-65. July 19/30, 1971.
LB3479.UM5 F6N
Management, Problem solving, School food service.
Abstract: This paper discusses the importance of developing the ability to identify problems, consider alternative solutions, and evaluate achievement of objectives for school food service programs. A systematic approach and the measurement of achievement of objectives are stressed when purposeful change is desired.

928-73

QUALITY CONTROL OF FOOD IN THE SCHOOL FOOD SERVICE.

Eleanor M. Gillig
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1969 p 96-103. June 16/27, 1969.
LB3479.UST4 1969 F6N
Management, Quality control, School food service.

BIBLIOGRAPHY

929-73

Abstract: School food service administrators view of modern technological advance in food and services and their response in achieving quality food and quality control.

929-73

QUANTITATIVE INVENTORY MANAGEMENT.

Geraldine M. Montag, Edwin L. Mullander

J Am Diet Assoc 59 (4): 356-361, Oct 1971.

349.6 AM34

Decision making, Food service management, Models, Recordkeeping.

Abstract: The success or failure of an organization in which physical items are used may depend on control of inventory of these items. One method of inventory management, designed to aid in minimizing such expenses, is to make use of mathematical models to obtain optimal decision rules. The pros and cons and "ifs" involved are discussed here.

930-73

REACHING SIGNIFICANT PUBLICS: THE PARENT AND COMMUNITY INVOLV.

Abram Snyder

In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 110-114. July 12/24, 1971.

LB3479.U5P4 F6N

Community involvement, School community relations.

Abstract: This paper describes the community as a social system. Elementary and contemporary communities are compared, and the areas of community study relevant to the school food service are discussed. These areas include finances, organization, people and internal and external influences. School food service supervisors are urged to become active participants of their community by taking a leadership role.

931-73

REACHING SIGNIFICANT PUBLICS: THE STATE OF THE BOY, 1971.

Robert Sebring

In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 105-108. July 12/24, 1971.

LB3479.U5P4 F6N

School community relations, Social conformity.

Abstract: This paper presents the social system concept and discusses various student groups as subsystems within the school. A study classified today's youth into three general groups: maintainers, marginals and the uncommitted. The characteristics of each group are discussed.

932-73

REDUCING TURNOVER: START ON EMPLOYEE'S FIRST DAY.

M R Feinberg

Fast Food 71 (1): 84. Jan 1972.

389.2536 F02

Food service supervisors, Food service workers, Personnel management, Training.

Abstract: Emphasis on orientation, training, and resolving individual conflict situations is important in the first weeks of the new employee. Turnover cannot be controlled without at least confronting the task of imparting to your first-line supervisors the necessary skills.

933-73

SCIENCE OF HOME ECONOMICS AND INSTITUTIONAL MANAGEMENT.

Ann Marie Rees

Oxford, Eng., Blackwell Scientific Publications 351 p. 1970.

TX149.R30 F6N

Chemistry, Equipment, Food preservation, Food processing, Food science, Higher education, Home economics, Physics, Textbooks.

Abstract: Continued advances in scientific invention, discovery and development have meant that those concerned with running homes and institutions need to know about the basic scientific principles governing the most efficient methods to be used in the various aspects of their work. This book assumes little previous scientific knowledge. It covers the basic physics and chemistry needed for a working understanding of such subjects as electricity, fuels and central heating, the care and use of traditional and new materials, the preparation and preservation of food. It also covers the basic household syllabuses of the courses leading to national diplomas in institutional management and hotel and catering administration in the United Kingdom.

934-73

THE NUMBERS GAME: USES AND ABUSES OF MANAGERIAL STATISTICS.

Robert S. Reichard

New York, McGraw-Hill 366 p. 1972.

HA29.R37 F6N

Accounting, Analytical methods, Computer applications, Finance, Management, Statistical data.

Abstract: This manual provides the executive with a tool for coping with complex statistical data. Treatment of the subject is functional and business oriented. Techniques of statistical problem-solving are evaluated with profit-loss criteria, weighing additional expense against additional revenue. Individual techniques are related to work-a-day problems in such fields as research, production, sales, marketing, and finance.

935-73

RETAIL FROZEN FOOD SALES BY STATE.

Quick Frozen Foods 35 (6): 49-53. Mar 1973.

389.6 Q4

Food economics and consumption, Frozen foods, Marketing, Retailing, Statistical data.

iling, Statistical data.

Abstract: Retail sales of frozen foods by region and by state is the focus of this report. Included in this study is a state-by-state breakdown of retail sales for each of the seven major categories of frozen foods, region-by-region totals for these same categories, and information about per capita consumption of retail frozen food products.

936-73

REVIEW OF MANAGEMENT FUNCTIONS.

Mery Ja Hitchcock

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p. 17-28. June 15/16, 1970.

LB3479.U5T4 F6N

Management, School food service.

Abstract: Administration of School Food Service Total system (in the U.S.) briefly reviewed.

937-73

A REVIEW: HOW SUPERVISOR'S EXPECTATIONS AFFECT TRAINEE PERFORMANCE.

Alberts King

Training in Business And Industry 9 (8): 30-31. Aug 1972.

HF1101.77

Management education, Personnel management, Supervision, Training.

Extract: Some employee's can't seem to do anything right without a lot of close supervision. The reason usually given for inferior performance is simply that the employee is lazy. Recent studies suggest, however, that there may well be another reason. Just as a doctor's expectations for his patient's health are likely to be proved accurate, so are a supervisor's expectations for an employee's performance. There are two major reasons for this: (1) an estimation by the supervisor on the basis of his previous experience of how well the employee will do the job at hand, and (2) the self-fulfilling factor. If a supervisor's expectations are low, he may unintentionally treat the employee in a manner that leads to the expected poor performance. On the other hand, if a supervisor expects exceptional quality in an employee's work, he may unintentionally treat him in a way that leads to exceptional accomplishment.

938-73

THE ROLE OF INDUSTRY IN MEETING THE CHALLENGE OF FUTURE FOOD NEEDS.

L R Rey

Food Technol 25 (1): 26-28, 30-32. Jan 1971.

349.6 F7394

Developing nations, Food industry, Food programs, Food supply, Food technology, Malnutrition, Population growth, Prediction.

Abstract: It is common knowledge that more than two-thirds of the population of the earth is undernourished or at least malnourished. The obvious way to try and overcome these difficulties is to increase food production, which means that both traditional and non-traditional means must be used to reach the goal. Introducing new raw materials and processes that will aid in attaining new hope for developing nations after their own resources have become useful and productive, is one method of increasing food production and aiding the malnourished. Other possible solutions to malnutrition discussed include: increased food production, involvement of industry and local government, and introducing high protein foods to the consumer market.

939-73

A BUDGET FORM FOR USE IN THE PUBLIC SCHOOLS OF ARIZONA.

C O Sabine

Tempe, Arizona 159 p. June 1969.

LB2830.S15 F6N

Arizona, Budgeting, Costs, Schools.

Thesis--Arizona State University, Tempe.

Abstract: Account of research to develop a budget form which would facilitate educational program budgeting and encourage cost analysis by programs, and could be used in a school district regardless of the size of the district.

940-73

SATISFACTION UP, COSTS DOWN IN 'OPEN' CAFETERIA.

J Fold

Sch Foodserv J 27 (4): 66-68-70. Apr 1973.

389.6 SCH6

Cafeterias, Colleges, Costs.

Abstract: MacMurray College, Jacksonville, Illinois, cafeteria is now open to serve students from 7:00 a.m. until 6:30 p.m., Monday through Friday. Cost per meal is down, number of meals served per hour is up.

941-73

THE SCHOOL FOOD SERVICE SYSTEM.

Dean D Rhoads

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 61-67. July 12/24, 1970.

LB3479.U5M3 F6N

Management, Systems analysis.

Extract: I would like to talk a little bit about organizations as systems, and particularly what we call open systems. The traditional approach to organizations has some drawbacks that give us some trouble. First of all, we talk about various organizations, various social organizations. When I talk about a social organization, I am talking about the Northeast School Lunch Seminar which is a temporary social organization. I am

talking about school systems. I am talking about businesses, about fraternal organizations, about churches, and any group that gets together for some purpose. One of our problems is that we have a difficult time identifying exactly what the organization is, especially when it is a traditional type of an approach.

- 942-73
SCHOOL LUNCH TASK FORCE REPORT.
Grayce Joertz
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin. Univ. of Tenn., 1969 p 16-20. June 16/27, 1969.
LB3479.J5T4 1969 F6N
School lunch.
Abstract: School Lunch Task Force Report discussion and recommendations.

- 943-73
SCHOOL BOARD SOURCE OF FOODSERVICE SUPPORT.
J D Nienewiler
Sch Foodserv J 25 (10): 35-36. Nov/Dec 1972.
389.8 SCH6
Education, Elderly (65 + years), Nutrition education, Politics, Public relations, School food service.
Abstract: Education, as an institution, can have great political power, and is not always passive in using this power. On-going public relations programs are needed in school food service to produce pressure groups to influence trends in politics.

- 944-73
SCHOOL FEEDING PROGRAMS AS AN ASPECT OF THE EDUCATIONAL INSTITUTION -- PANEL DISCUSSION.
Lloyd Froehlich, 4 C Schmellenberg, Bruno Ippelita
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 50-51. July 19/30, 1971.
LB3479.J5W5 F6N
Management, Nutrition education, School food service.
Abstract: This paper presents a 3-member panel discussion which covered such topics as leadership styles, communication, obtaining support of other school staff members and civic groups, creating good morale through school food service, and extending school food services to provide walk-in meal service for the elderly and summer feeding programs for children.

- 945-73
THE SCHOOL FOOD SERVICE ADMINISTRATOR AND THE COMPUTER.
Ted McCloud
In Proceedings of the Southeastern Regional Seminar for School Food Service Admin. Univ. of Tenn., 1969 p 104-112. June 16/27, 1969.
LB3479.J5T4 1969 F6N
Administration, Computer applications, School food service.
Abstract: School Food Service in Memphis, Tennessee use of the computer and beneficial changes encountered for more effective and efficient administration.

- 946-73
THE SCHOOL FOOD SERVICE LABOR RELATIONS PICTURE.
Max S. Dorfman
In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 138-161. July 12/24, 1970.
LB3479.J5M3 F6N
Labor unions, Personnel management, School food service.
Abstract: The speaker discussed labor union organization and militancy, unionization of professionals, contract negotiations, compulsory arbitrations, and other factors affecting labor relations in school food service operations.

- 947-73
SCHOOL FOOD SERVICE: NEW LAWS CAN HELP YOU PROVIDE IT.
Nation's Schools 86 (5): 61-63. Nov 1970.
LB2804.v3
Contract feeding, Food preparation and distribution systems, Laws, School food service, Surplus commodities.
Abstract: As school food services are put under increasing pressure to feed all school children, most administrators are beginning to realize that the only economically feasible way to do this is to develop mass food producing, distributing, and serving systems. An April, 1970, amendment to the National School Lunch Program, allows a school system to employ a private food service company without losing federal surplus commodities. The private companies, utilizing their existing facilities and distribution network, can deliver thousands of Type A lunches at from 39 cents to 58 cents apiece and still make a profit.

- 948-73
SCHOOL FOOD SERVICE: TWELVE TRENDS YOU SHOULD TRACK.
Nation's Schools 90 (4): 67-69. Oct 1972.
LB2804.v3
Accounting, Cultural factors, Federal government, Menu planning, Nutrition education, School food service, Surplus commodities, Synthetic foods, Type A lunch.
Abstract: The federal government is placing increasing demands on school systems to provide lunches to all children, whether they can afford to pay or not. In addition, National School Lunch officials are paying close attention to twelve crucial areas of operation in school food service: care and feeding of teenagers, nutrition education, computer menu planning, exten-

ded services, less restrictive Type A meals, performance pay system, social issues, engineered foods, commodity manufacturing contracts, a national food service accounting system, contract management, and the impact of cultural factors on school food service.

- 949-73
SCHOOL LUNCH PROGRAM BECOMES BIG FACTOR FOR FROZEN MEAT FIRM.
Quick Frozen Foods 34 (4): 57, 84. Jan 1972.
389.8 O4
Food industry, Frozen foods, Marketing, Meat, School food service.
Abstract: A New Jersey food processor, Goren Foods, cut its meat product lines by more than half in order to concentrate on the school lunch market. Half its sales are to schools with a third of the school total coming from further processed beef and pork. The company serves 35 school districts, from Long Island to Washington, D.C.

- 950-73
SECURITY PROTECTION FOR FOODSERVICE.
L A Gorton
Cooking for Profit 42 (254): 49-52/54. Feb 1972.
TX901.C6
Commercial food service, Robbery prevention, Security, Theft.
Abstract: How to maintain security, thus preventing employee pilferage, customer fraud. Tight administrative controls, modern mechanical aids, and common sense personnel practices are needed.

- 951-73
SELLING STUDENTS.
H H Axler, A Schwarz
Sch Foodserv J 26 (3): 45, 47-50, 52. Mar 1972.
389.8 SCH6
Commercial food service, Food fads, Food preferences, School food service, Students.
Abstract: Suggests that school food service should follow commercial food service as its model, catering to tastes and preferences of students, and use other techniques found in commercial food service.

- 952-73
A SURVEY INSTRUMENT FOR THE EVALUATION OF THE ECONOMIC-EFFICIENCY OF SCHOOL FOOD SERVICES.
Callison Haley Simon
N.p. 142 p. 1963.
TX945.S5 F6N
Cost effectiveness, Evaluation, Finance, Performance criteria, Personnel, Research methodology, School food service.
Thesis (Ed.D.) - Indiana University, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.
Abstract: This doctoral thesis describes the development of a survey instrument to be used by school administrators in ascertaining the economic value and efficiency of their school food services. Data was collected in the areas of (1) food service organization, (2) fiscal control of food services, (3) food service personnel, and (4) food service facilities and food preparation.

- 953-73
SIX SIMPLE THEFTS: CASES IN INTERNAL CONTROL.
James H Barrett
Cornell Hotel And Restaurant Admin Quarterly 12 (3): 76-78. Nov 1971.
TX901.C67
Attitudes, Food service workers, Personnel management, Security.
Abstract: It is the function of management to minimize the opportunity to steal by establishing internal controls--arranging the conduct of business so all susceptible transactions fall under the scrutiny of more than one individual. The author describes six case histories to show how internal controls prevent opportunities for employees to dip their fingers in the till.

- 954-73
SMALL DAY CARE CENTERS LOOM AS GIANT MARKET FOR FROZEN PREPARED LUNCHES.
Quick Frozen Foods 35 (5): 34-36. Dec 1972.
389.8 O4
Day care services, Frozen foods, Preschool children (2-5 years), School food service, School lunch programs, Type A lunch.
Abstract: The need for day care presents a feeding problem for directors who must provide a hot lunch and 2 snacks a day to an estimated 6 million children. This article discusses the extent and future potential of the day care center market for the frozen food manufacturer and supplier.

- 955-73
SOME FACTORS IN BUILDING AN EFFECTIVE MARKETING PROGRAM.
Alvin H Randall
Food Prod Dev 5(8): 79-81. Dec/Jan 1972.
HD9000.LF64
Food industry, Management, Marketing, Merchandising, Organization.
Abstract: The author presents what he sees as the new marketing philosophy developing in America. This approach seeks to earn profits by discovering consumer wants and producing a product that will fulfill them, rather than producing a product first and then trying to sell it.

956-73

956-73

SOMETHING SPECIAL AT O.J.

J Coyne

Sch Foodserv J 25 (1): 59-62. Jan 1972.

389.6 SCH6

College food service, Costs, Food service management, Salads. Abstract: Renovation of the Oklahoma University food service system by adding salad bars, unheated food, and special dinner nights has reduced operating costs one-third.

957-73

SOPHOMORE HIGH SCHOOL STUDENTS' ATTITUDES TOWARD SCHOOL LUNCH.

Helen M Law

J Am Diet Assoc 50 (1): 33-41. Jan 1972.

389.8 A434

Adolescents (12-19 years), Attitudes, Food habits, Food preferences, School lunch programs, Student participation. Abstract: Questionnaires on attitudes toward the school lunch and on food habits were given to 464 10th grade students in schools with and without a menu choice. Parents and administrators were also questioned. Seventy per cent of the students ate the school lunch, largely because of closed campuses at many schools. Dislike of waiting in line and of eating lunch were the principal reasons reported by students for not eating lunch at school. Poor food preparation, small servings of the entree, and dislike of foods served were other reasons. Tabulation of foods disliked disclosed that many of them, especially vegetables, were disliked whether served at home or at school. Choice or lack of choice had no statistically significant effect on answers.

958-73

MANAGEMENT FUNCTIONS FOR STATE AND SYSTEM LEVEL SCHOOL AND NON SCHOOL FOOD SERVICE ADMINISTRATORS: PROCEEDINGS.

Southeastern Regional Seminar for School Food Service Admin-

istrators, Univ. of Tenn., 1969

Knoxville, Tenn. 144 p. 1969.

LB3479.U5T4 1969 FCN

Communication, Computer applications, Food service management, Inservice education, Low income groups, Personnel, Proceedings, Quality control, Seminars.

Abstract: The objectives of the seminar were to develop an understanding of management functions and their application to the school food service and to develop materials for use in future food service seminars.

959-73

MANAGEMENT FUNCTION OF A CENTRALIZED SCHOOL FOOD SERVICE SYSTEM: PROCEEDINGS.

Southeastern Regional Seminar for School Food Service Admin-

istrators, University of Tennessee, 1970

Knoxville, Tenn. 156 p. 1970.

LB3479.U5T4 FCN

Budgeting, Facilities planning and layout, Food delivery systems, Food service management, Inservice education, Personnel, Proceedings, School food service, Seminars.

Abstract: The emphasis of this seminar was on the application of the management functions to centralized school food service systems. Purposes of the seminar were: (1) to improve the management functions of centralized food services for school and day care centers for more effective child nutrition programs and (2) to discuss and define the transitional operation needed to convert a decentralized food service unit to a centralized system.

960-73

NEW CONCEPTS IN MANAGEMENT: PROCEEDINGS.

Southeastern Regional Seminar for School Food Service Admin-

istrators, Oklahoma State University, 1970

Stillwater, Okla. 200 p. 1970.

LB3479.U5D39 FCN

Communication skills, Food service management, Group dynamics, Inservice education, Nutrition education, Personnel, Proceedings, School food service, Seminars.

Abstract: The purpose of these proceedings is to relate, in part, the information which was presented and shared via speeches, panel and group discussions during the two week seminar. Purposes of the seminar were: (1) to stimulate utilization of group dynamics and (2) to develop the dimensions of management.

961-73

SOY HELPS SKOKIE'S BUDGET.

O Satterfield

Sch Foodserv J 25 (2): 44-47-48. Feb 1972.

389.8 SCH6

Beef, Costs, Food preparation, School food service, Soybean products, Taste, Textured vegetable proteins.

Abstract: Use of textured vegetable protein in hamburger for patties, 37% textured vegetable protein, 70% hamburger, was the taste choice of students, and saved 9% over all beef.

962-73

SPOTLIGHT ON CONTRACT CLAUSES.

B Verne

Fast Food 71 (2): 111,114,116. Feb 1972.

389.2538 F42

Food service workers, Labor unions.

Abstract: Seniority in the labor contract: definition, computation, application and conditions under which lost.

963-73

ELEMENTS OF SUPERVISION. 2d ed.

William R Spriegel, Edward Schulz, William B Spriegel

New York, John Wiley & Sons 349 p. 1957.

HF5564.S856 FCN

Cost effectiveness, Job placement, Job training, Management, Occupations, Personnel management, Recordkeeping, Supervision, Work simplification.

Abstract: The author defines a supervisor as one who is responsible (1) for the conduct of others in accomplishment of a particular task, (2) for the maintenance of quality standards, (3) for the protection and care of materials, and (4) for services to those under his control. This book analyzes methods and procedures for supervisors to use in accomplishing their goals and dealing with personnel.

964-73

ST. LUKE'S & THE COMPUTER.

Robert Nelson, Ann K Ellis

Food Mgt 8 (1): 42-45. Jan 1973.

TX943.F6

Communications, Computer applications, Computer science, Food service management, Hospital food service, Technology.

Abstract: The advent of the computer has ushered in a whole new way of thinking and working, and has given birth to a new science--cybernetics, the science of communication and control. This article shows one way in which computers are being used in an institutional food service--St. Luke's Hospital in New York City.

965-73

STAFFING THE SCHOOL FOOD SERVICE.

Thelma Fianagan

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1969 p 51-59. June

16/27, 1969.

LB3479.U5T4 1969 FCN

Personnel management, School food service.

Abstract: A brief overview of school food service personnel programs and staffing guidelines is discussed.

966-73

STATE DIRECTORS COST OUT SCHOOL MEALS.

Sch Foodserv J 26 (7): 20-22. Jul/Aug 1972.

389.8 SCH6

Costs, School breakfast programs, School lunch programs, Surveys.

Abstract: Survey recently conducted give regional costs of school lunch and school breakfast programs, including those of food, commodities, labor, other expenses.

967-73

MARKETING IN ACTION FOR HOTELS, MOTELS, RESTAURANTS.

Bob Stein

New York, Ahrens 191 p. 1971.

TX911.3.M3584 FCN

Budgeting, Food service management, History, Hotels, Marketing, Merchandising, Research, Restaurants.

Abstract: This guide by one of the leaders in the field describes and illustrates the "umbrella" approach to modern marketing. This approach uses, integrates, and correlates all the marketing tools--research, advertising, promotion, publicity, and budgeting to stimulate greater sales results for the large chain or the small, single unit. The book shows how to do research that will form the basis of the marketing plan. It spells out many critical questions besetting management, tells how to ask these questions of the right people, and how to analyze the data received to plot marketing strategy. Highly detailed examples of marketing plans developed by the author are included. The book also indicates how to set up realistic marketing budgets.

968-73

STICK 'EM UP.

L Gottlieb

Fast Food 72 (1): 44-48,52. Jan 1973.

389.2538 F42

Commercial food service, Robbery prevention, Safety.

Abstract: Robbery prevention and safety practices in food serving establishments.

969-73

HOW TO MANAGE A RESTAURANT OR INSTITUTIONAL FOOD SERVICE.

John W Stokes

Dubuque, Iowa, Wm. C. Brown 343 p. illus. 1967.

TX945.59718 FCN

Accounting, Commercial food service, Cost effectiveness, Facilities planning and layout, Food preparation, quantity, Food service management, Institutional feeding, Menu planning, Purchasing.

Abstract: This book is designed to provide for the restaurant operator, large or small, and the operator of the institutional food service the basic principles of modern business management as applied to food service. The book approaches the subject from the standpoint of the consultant or expert who is called in to help the restaurant operator conduct his business so as to make a profit and the institutional food service operator conduct his operation efficiently. A survey of the food service field is included. The material on management principles gives background on scientific management--the human relations approach and current thinking on participative management. The chapter on engineering facilities explains the

engineering principles underlying modern food service equipment and appliances. Quantity cookery is explained in terms of the physical bases for cooking methods.

970-73

FOOD SERVICE IN INDUSTRY AND INSTITUTIONS.

John W Stokes
Dubuque, Iowa, Wm. C. Brown Co. 261 p. 1970.
TX820.S73 F6N
Accounting, Facilities planning and layout, Food preparation and distribution systems, Food purchasing, Food service management, History, Institutional feeding, Menu planning, Vocational education.

Abstract: This book outlines the practical considerations and procedures involved in setting up and successfully operating food services in business establishments, hospitals, schools, governmental installations and other institutions. It opens with an historical sketch of industrial and institutional feeding from antiquity to the present. Subsequent chapters deal with topics such as: objectives and policies; food service organization; layout and equipment; purchasing, receiving, and storage procedures; menu planning; food preparation; distribution and service; sanitation and safety; cost control; and operating statements and budgets. The final chapters include suggestions on building and maintaining cafeteria sales and provide a summary of current laws and regulations affecting food services.

971-73

THE SUPERVISOR: MOTIVATING THROUGH INSIGHT (FILM LOOP).

National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 12 min. 1972.
HF5549.S92 F6N AV

Personnel management, Supervision, Supervisors.
With study guide. For use in Fairchild cassette projector.
Abstract: Instruction in employee motivation for people-supervisors who must achieve results through the work of others. Points out that employees must be seen as unique individuals, with emotions and personal lives as well as jobs. In order to motivate people to want to do their work well and acquire satisfaction from the process, the supervisor must develop insight into human emotions, his own as well as his employees. This film uses the device of a chess game to counter old myths about job needs and construct a new viewpoint in which recognition, participation, creativity, job challenge, and human dignity are seen as keys to motivation.

972-73

THE SUPERVISOR: MOTIVATING THROUGH INSIGHT (MOTION PICTURE).

National Educational Media, Inc.
Hollywood, National Educational Media 1 reel, 16mm, sd, col, 12 min. 1972.
HF5549.S9 F6N AV

Personnel management, Supervision, Supervisors.
With study guide. Also available in film loop (HF5549.S92).
Abstract: Instruction in employee motivation for people-supervisors who must achieve results through the work of others. Points out that employees must be seen as unique individuals, with emotions and personal lives as well as jobs. In order to motivate people to want to do their work well and acquire satisfaction from the process, the supervisor must develop insight into human emotions, his own as well as his employees. This film uses the device of a chess game to counter old myths about job needs and construct a new viewpoint in which recognition, participation, creativity, job challenge, and human dignity are seen as keys to motivation.

973-73

FOOD SERVICE FOR THE ARMY AND AIR FORCE.

Arthur Symons
Harrisburg, Penn., The Military Service Publishing Company
388 p. 1953.
UC723.S9 F6N
Baking, Dried foods, Emergency feeding, Fats and oils, Food preparation, quantity, Food service management, Menu planning, Military food service.

Abstract: This book gives a detailed analysis of food service management for the U.S. Army and Air Force. Nutrition, menus, and rations are discussed, as well as special requirements for feeding personnel on field duty. Information concerning nutritional value and preparation of specific types of food is presented.

974-73

A SYSTEM---WHAT IT IS AND WHAT IT DOES.

George J. Conrade, Albert L. Wrisley
In Proceedings of the Northeast School Food Service Seminar,
Univ. of Massachusetts, 1970 p. 45-55. July 12/24, 1970.
LB3479.U5K3 F6N

Decision making, Systems analysis.
Extract: Systems is the "in" word right now. Unfortunately, while the systems concept is basically straightforward, basically a simple approach, it is quite often misused. What I am going to try to do, this morning, is to explain the systems concept, and try to show how it relates to planning and control within an organization.

975-73

A SYSTEM---WHAT IT IS AND WHAT IT DOES. (PART 2).

Albert L. Wrisley
In Proceedings of the Northeast School Food Service Seminar.

Univ. of Massachusetts, 1970 p. 55-60. July 12/24, 1970.

LB3479.U5K3 F6N

Food service, Management systems, Organization, Systems analysis.

Abstract: A discussion of systems and food service.

976-73

SYSTEMS APPROACH TO LABOR COST CONTROL.

Thomas W. Lattin
Cooking for Profit 264: 19-23, Dec 1972.
TX9D1.C6

Accounting, Food service management, Personnel management, Recordkeeping.
Abstract: This "systems approach" to labor cost control combines meal service predictions with man-hour budgeting, concentrating only on that portion of the labor cost that can and should vary with fluctuations in business volume. The important records used include a weekly forecast report, a manpower guideline chart, a weekly manpower budget, and a weekly personnel schedule.

977-73

TEENAGER - THE MARKETER'S DILEMMA.

Food Prod Dev 5(7): 42-44, Nov 1971.

HD90DD.L.F64

Adolescents (12-19 years), Advertising, Consumer economics, Marketing.

Abstract: The teenage market consists of a group of young people who have a buying power in the amount of \$45 billion. It is estimated they influence the spending of \$145 billion more. This article attempts to describe the characteristics of the teenage market, emphasizing that without an understanding of the teenage consumer group, no manufacturer will ever hope to claim their attention.

978-73

THE THREE A'S OF CHANGE - ANTICIPATING, ACCEPTING, ACTUATING.

A. Dale Allen

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p. 317-326. July 12/23, 1971.
LB3479.U5K3 F6N

Economic influences, Nutrition, Resistance to change, Sociology.
Abstract: This paper discusses some of the psychological, sociological, and economic factors involved in change. A number of ways to reduce resistance to change are presented.

979-73

TO JOIN OR NOT TO JOIN MULTIPLE EMPLOYER BARGAINING?

B. Verne

Fast Food 72 (1): 80-82, 84, 86, Jan 1973.

389.2538 F82

Labor unions, Management, Restaurants.

Abstract: Negative aspects of multiple employer bargaining with labor unions.

980-73

TODAY'S YOUTH - A NEW BREED OF CAT.

Richard Owens

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p. 301-310. July 12/23, 1971.
LB3479.U5K3 F6N

Attitudes, Decision making, Young adults (20-34 years).
Abstract: This paper discusses the outlooks and attitudes of youth today. Topics covered include the short-term perspectives of young people, their desire to be involved in decision making, the influence of their peers, their questioning of adult judgment, their overall attitude concerning school, the difference in their attitudes and values from those of the school, their earlier physiological maturity, their exposure to wealth, the influence of T.V., their ability to think, their desire for immediacy, their questioning of what they learn, and their sincere concern for society.

981-73

TRENDS IN FOOD SERVICE.

Roslyn Willlett

Food Technol 27 (5): 99-106, May 1973.

389.6 F7398

Computer applications, Food service industry, Personnel management, Prediction.

Abstract: Predictions for the future of food service include changes in job organization, increased usage of computers, reconciliation of technology and ecology, more emphasis on fresh produce, more emphasis on nutrition, more self-service and smaller dining rooms, changes in types of institutions, more large-scale advance preparation, and changes in eating habits.

982-73

THE SCIENCE OF HOUSEKEEPING.

Gina Tucker

Chicago, Institutions Magazine/Volume Feeding Management 96 p. 1970.

TX912.T8 F6N

Equipment, Hotels, Maintenance, Management, Personnel management, Recordkeeping, Recruitment, Sanitation.

Abstract: The biggest problem in any housekeeping department can be covered by one question: "How can you get the maids to clean the rooms?" This has a double meaning depending upon where you place the emphasis, for it means both "How can you find them?" and "How do you get them to perform?" In this book

983-73

are tested recommendations for planning and staffing a new housekeeping department as well as remedies for the many ills that can develop in an existing housekeeping department. Detailed are solutions for the housekeeping problems that are encountered daily in food service/lodging operations. This book is designed both to help experienced housekeepers do a better job and for use as a guide to help the uninitiated improve their performance.

983-73

SCHOOL LUNCHES: A BILLION-DOLLAR MARKET FOR FOOD.

U.S., Consumer and Marketing Service

Washington, D.C. 9 p. 1966.

LB3475:U525 F64 (U.S. Consumer and Marketing Service. PA-750)

Food economics and consumption; History; School lunch programs; Statistical data.

Abstract: This booklet compares the dollar value of the foods delivered to school lunch programs in 1962-63 with those delivered in 1957-58. The overall increase was over fifty percent, with individual increases ranging as high as 566% in the case of dehydrated potatoes. The total value for public and private schools was over a billion dollars. The role of the buyer, the seller and the federal government in increasing this market is briefly discussed.

984-73

PRIVATE SCHOOL LUNCH MANAGEMENT MANUAL.

U.S., Consumer and Marketing Service

Washington, D.C. 23 p. 1967.

LB3475:U5 F64 (U.S. Consumer and Marketing Service. CMS-53)

Administration; Finance; Food service management; National School Lunch Program; Personnel; Private schools; School lunch programs.

Abstract: This handbook for sponsors, school lunch supervisors and school lunch managers in private schools is a guide to establishing and improving school lunch programs administered by the Consumer Food Program District Offices. Along with background and history of the program, the handbook covers administration, finance, personnel, and operations. While this manual is geared mainly to schools that prepare lunches on the school premises, it can also be used by other schools, such as those having prepared foods carried in from central or satellite kitchens.

985-73

SCHOOL FOOD SERVICE FINANCIAL MANAGEMENT SEMINAR FOR UNIFORM ACCOUNTING.

U.S., Food and Nutrition Service

Washington, D.C. und. ind. l.

MF5686:F61P4 F64

Accounting; Finance; Food service management; School food service; Seminars.

Abstract: This ring-binder notebook contains the instructional materials for a seminar on school food service financial management. The first section comprises exercises in accounting and bookkeeping procedures. The second section deals with case studies, and the third is a collection of hand-outs. Section 4 contains vignette copies, and section 5 contains a quantity of ruled notebook paper and ledger paper for taking lecture notes and preparing account records.

986-73

A GUIDE TO NUTRITION AND FOOD SERVICE FOR NURSING HOMES AND HOMES FOR THE AGED.

U.S., Health Services and Mental Health Administration, Community Health Service

Rockville, Md. 111 p. illus. 1971.

RA757.5.D5U5 F64

Elderly (65+ years); Food cost analysis; Food preparation; Quantity; Food purchasing; Food service management; Guides; Hospital food service; Menu planning; Stereos.

Abstract: This revised version of the guide gives instruction on the operation of a food service, in addition to explaining principles of nutrition that are essential to planning and preparing wholesome appetizing meals. The roles of the food service supervisor and the dietetic technician are explained, and educational opportunities for food service workers are described. Also included is material on policies and procedures, budgets, food production and distribution, contract food services, the role of dietitians and food service supervisors, influence of convenience foods on kitchen operation, the new revised recommended dietary allowances, training guidelines, and an updated reference list.

987-73

PRINCIPLES OF PUBLIC ACCOUNTING.

U.S., Office of Education

Bert K Adams

Washington, D.C. 272 p. 1967.

LB2830:U5 F64 (U.S. Office of Education. State educational

records and report series: handbook II-8)

Accounting; Budget procedures; Educational finance; Manuals; School food service; Schools.

Abstract: This handbook is designed for people who will be recording and reporting to others on financial information about a school district. The handbook may be used as a self-instruction tool as well as a supplementary reference in formal methods of training in school accounting. To meet varying needs, the book proceeds on the assumption that the reader is a beginner in the field of financial recordkeeping and that

other readers will use their own wisdom in selecting appropriate chapters of the handbook. To enable the reader to become more familiar with the principles suggested, the handbook presents a set of the accounting records for a hypothetical school district.

988-73

UNDERSTANDING THE COMMUNITY SOCIAL SYSTEM.

Donald E Johnson

In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 62.

July 19/30, 1971.

LB3479:U5H5 F64

Community; Cultural factors; Nutrition education; Sociology. Abstract: This paper deals with the understanding of a community as a social system. Leadership in a community and the factors influencing leadership are discussed.

989-73

UPGRADE YOUR MANPOWER TASK ALLOCATION SYSTEM.

Richard K Rodgers

Food Serv. 33 (6): 40-44. June 1971.

389.2538 F732

Commercial food service; Food preparation and distribution systems; Food service management; Job training; Personnel management; Work simplification.

Abstract: The focus is on the basic operating cycle needed to serve one patron or one customer. Analysis begins with Job Identification--Jobs performed under the present system. Since each job is a combination or mixture of "task activities," Job Identification is helpfully portrayed through use of a "skill development progress guide". This is followed by use of a training chart which is a modular task analysis and description paper for each distinct human activity. The worker is doing his job if the customer enjoys his meal. Checklists are presented for: (a) general pre-opening activities for a food service operation; (b) regular operating activity sequence. The author believes that this kind of systems-oriented, task-identification process will enable an operator to find out who is doing what and how these same tasks can be repackaged, simplified, or eliminated to generate higher total system productivity and effectiveness.

990-73

THE USE OF A COMPUTER IN FORMULATING LOW COST DIETS.

F A Ferner, H L Macconochie

J Can Diet Assoc 31 (3): 173-178. Sept 1970.

389.9 C1632

Computer applications; Computer science; Costs; Diets; Nutrient values.

Abstract: Demonstration showing how the computer can be used on behalf of people who need its help, including families in Canada with incomes below the poverty line; tables of calcium, nutrients contributed by foods, and costs of a diet for a lactating woman for one week.

991-73

UTILIZING OUTSIDE CONTRACTORS TO EXPAND SCHOOL FOOD SERVICE OPERATIONS.

Marjorie Holgate

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 179-189. July 12/24, 1970.

LB3479:U5H3 F64

Contract feeding; Facilities planning and layout; Food delivery systems; School food service.

Abstract: The speaker described her experiences utilizing outside contractors in the expansion of school food service in New Haven. The speech was illustrated with slides. She noted that one of the most difficult parts of trying to specifying foods for the lunches is getting what you want, and after you get it, determining that it has what you think it has.

992-73

VARIETY IS VITAL TO VEGETABLE FARE.

Food Serv. 35 (3): 10, 88-91. Mar 1973.

389.2538 F732

College students; Food preferences; Surveys; Vegetables.

Abstract: Sixty-four per cent of the college students interviewed said corn was one of their five favorite vegetables. French-cut green beans were second at 44 per cent. However, when figures for the three varieties of green beans included on the questionnaire (French-cut, Italian cut, and with almonds) are combined, they register a total of 90 per cent. Cabbage and beets were least popular with 6 and 9 per cent respectively.

993-73

VENDING CAFETERIA LEADS TO SUIT BY SERVICE EMPLOYEES.

Lee O Garber

Nation's Schools 85 (3): 92, 96. May 1970.

LB2804:N3

Court litigation; Food service workers; School food service; Vending machines.

Abstract: The Sequoia Union, California, School Board closed the school cafeterias in 1967 and discharged 35 workers. When a vending machine company sought to provide the schools with food service under contract, the employees union filed suit, charging the contract was illegal. The defendant claimed that the plaintiff lacked standing to sue, and that even if it did have standing, the contract was not unconstitutional and illegal. The court ruled for the defendant.

- 994-73
VENTURING INTO THE '70'S.
Bernard O Kahn
Food Prod Dev 61(1): 76-78. Apr 1972.
HD9000.LF64
Marketing, Merchandising, New products.
Abstract: "Venture" marketing is defined as "an imaginative way of performing the planning and execution necessary to move companies into new areas at lower cost, in less time, and at lower risk than is experienced by traditional marketing of new products." "Venturing may not be described as acquisitions, new product development, or line extensions", although it sounds very similar, since it involves "careful analysis of growth potential of new industries, required penetration, and possible areas of competition."
- 995-73
WATCH SPECIFICATIONS FOR CONTRACT CLEANING.
Edwin B Feldman
Nation's Schools 90 131: 76. Sept 1972.
L82804.43
Maintenance, Sanitation, School administration.
Abstract: A school system hiring a contract cleaner should know how to hire a reputable contractor, how to choose the right contract, and what to put in the specifications. This article tells how and what.
- 996-73
SCHOOL AND INSTITUTIONAL LUNCHROOM MANAGEMENT.
Olive B Watson
West Nyack, N.Y.: Parker 310 p. illus. 1968.
TX945.433 FCM
Equipment, Facilities planning and layout, Institutional feeding, Menu planning, Personnel management, Purchasing, Recordkeeping, Sanitation, School food service.
Abstract: This book is about food preparation and management. It includes every phase of the cafeteria and restaurant food service and applies to the large cafeteria or restaurant and also to the small food service. It contains many helpful hints and suggestions. The book is a technical manual for those directing food services in schools, nursing homes, hospitals, clubs, churches, resort camps, commercial cafeterias and restaurants, and it tells how to attain attractiveness and control quality and cleanliness in the food served. Included are the planning and setup of the physical plant, the selection and organization of personnel, selection and care of equipment, and safety and sanitation procedures. Detailed work sheets are supplied for manager and staff. Basic nutrition, menu planning, standardizing recipes, buying of foods, and counter display of foods are discussed, telling how to maintain efficiency in the dining room and kitchen and how to control procedures in food preparation.
- 997-73
FOOD SERVICE IN INSTITUTIONS, 4th ed.
Bessie Brooke West, Lovella Wood, Virginia F Herger
New York: John Wiley & Sons, Inc. 702 p. illus. 1966.
TX946.W415 FCM
Costs, Facilities planning and layout, Food preparation, quantity, Food selection, Food service management, Institutional feeding, Menu planning, Personnel management, Textbooks.
Abstract: Educational and technological developments in the area of quantity food service management have increased tremendously since the first edition of Food Service in Institutions was compiled as a basic text and reference book. College students now have a broader background knowledge of food, its sources, preparation, and service, and a stronger foundation in science than when earlier editions were published. In the present edition, emphasis is on basic principles and their application to the food service industry. Inclusive coverage of all factors relating to food service management is not possible in one book. It is expected that pertinent material from the many current available sources will be used to supplement the contents of this book.
- 998-73
ESSENTIALS OF MANAGERIAL FINANCE.
J Fred Weston, Eugene F Brigham
New York: Holt, Rinehart and Winston 554 p. 1968.
HG4011.442 FCM
Accounting, Budgeting, Finance, Management.
Abstract: This text presents the fundamental materials of a business finance course. Part one is an introduction to financial management. Parts two and three give basic tools of financial analysis and examine budgeting decisions. Parts four and five consider the uses of capital and short-term financing. Part six analyzes long-term securities. Part seven discusses mergers and corporate failure. Part eight deals with financial policy.
- 999-73
WHO SAYS SCHOOL LUNCH NEEDS PUBLIC RELATIONS?
G Pieggs
Sch Lunch J 24 (7): 72-76. Jul/Aug 1970.
389.8 SCH6
Food service industry, Public relations, School food service, School lunch programs.
Abstract: Defines the public for which public relations in the school lunch program are, from student to tax-paying public. Suggests techniques by which the school lunch program may improve their program, and the public's knowledge of it.
- 1000-73
WILL ADVANCE TESTING REDUCE NEW PRODUCT RISKS?
Walter W Foster
Food Prod Dev 71(1): 68-72. Feb 1973.
HD9000.LF64
Cost effectiveness, Food data sources, Marketing, Merchandising, New products, Prediction.
Abstract: This article emphasizes that new product success depends on the best research plan and the best management plan working together. Selection of go/no-go or full scale market testing of some type will be determined by the nature of the product, the market, the competition, and the key uncertainties involved. Selection also will be based on the prior experience of employees and manufacturing organization. The best assurance of success is through teamwork of research and management.
- 1001-73
SCHOOL FOOD SERVICE MANAGEMENT DEVELOPMENT PROGRAM: MANUAL, ADVANCED COURSE.
Wisconsin, University, Cooperative Extension Program
Yvonne K Bushland, Mary E Monroe
Madison, Wisc. 48 p. 1969.
LB3475.W52 FCM
Food service management, Inservice education, Menu planning, Nutrition, Purchasing, Recordkeeping, School community relations, School food service, Type A lunch.
Abstract: This manual is from an eight session advanced course touching on all aspects of food service management. Study guides, notes, reading lists, and other information are included.
- 1002-73
WISE UP--GO MODERN--CUT OUT A LA CARTE AND CUT COSTS.
T J Farley
Sch Lunch J 25 (5): 56, 58. May 1971.
389.8 SCH6
Food preferences, Food service management, Menu planning, School food service, Type A lunch.
Abstract: Improving school lunch service by eliminating a la carte service entirely, and serving only a superior type A lunch.
- 1003-73
WORK SIMPLIFICATION.
L Rose
Sch Lunch J 24 131: 34,36,38,40. Mar 1970.
389.8 SCH6
School food service supervisors, Work simplification.
Abstract: Excerpts from a talk given at the 23rd annual meeting of the American School Food Service Association, Detroit, Aug. 5, 1969, and included: Selecting job to be improved, analyze the complete process, question each detail, work out a better method, and apply the new method on a pilot run first, then use it until a better way is developed.
- 1004-73
YELLOWSTONE'S FOODSERVICE: MISSION IMPOSSIBLE!
J R Myers
Cooking for Profit 41 (264): 24-26,49. Dec 1972.
TX901.C6
Commercial food service, Convenience foods, Food service industry.
Abstract: Problems solved in serving \$2.4 million worth of food in 100 days, at Yellowstone National Park.
- 1005-73
YOUNG AMERICA DINES OUT: HOW YOUTH VOTED IN '72.
Food Serv 34 112(1): 12-15, 17, 18, 20. Dec 1972.
389.2538 F732
Age groups, Commercial food service, Food preferences, Marketing, Surveys, Young adults (20-34 years).
Abstract: The young customer is typically anxious and able to try new dishes and new places and says he is concerned about consumerism, human rights, and the environment. He also controls a lot of money. When dining out, young people went color on the tabletop, flowers, wine with meals, and adventure--caterie counters are rare. They tend to spend more money than their elders; table-service restaurants in the medium-price range (\$2 to \$4.99) rank highest in popularity. There is a high response to restaurants specializing in foreign foods. The young are more influenced by the mass media than their elders, but in choosing a restaurant, the "recommendation of a friend" ranked as the greatest influence.
- 1006-73
YOUNGSTERS' TASTE TEST PICKS FAVORITES.
A Grashoff
Sch Lunch J 25 (4): 64-66. Apr 1971.
389.8 SCH6
Food preference measures, School children (6-11 years), School lunch programs, Taste panels, Type A lunch.
Abstract: School children participated in a taste panel to select favorite foods, and garfarded a balanced lunch to a la carte.
- 1007-73
YOUTH SPEAKS: STUDENT INVOLVEMENT IN SCHOOL FOOD SERVICE --A PANEL DISCUSSION.
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 201-215. July 21/23, 1971.
LB3479.USK3 FCM

1008-73

Food preferences. School food service.

Abstract: This panel discussed youth involvement in school food service. The objective was to provide insight into students' reactions to school food service. Related questions included what students like and dislike about school food service, their suggestions for improvement, ways the school food service director can increase participation, particularly among students, and "why don't your friends eat in the school lunch service".

1008-73

3RD-AGERS - THE NEW MEDJINISTS.

Ernest Dichter
Food Prod Dev 6(4): 31-32. Jun/Jul 1972.
HD9000.1.F64

Elderly (65 + years). Food habits. Food preferences. Organic foods. Special groups. Diets.
Abstract: "Third-agers" is a new euphemism for older people. According to the author, older people are interested in gourmet and quality foods, and food manufacturers would do well to cater to this interest, with attractive new products in smaller "fun" packages.

1009-73

7.4/INT'ANCE IDEAS FROM INDUSTRY.
Natl. Schs 90 (5): 42-43. Nov 1972.
LB2804.43

Cost effectiveness. Maintenance.
Abstract: Industrial maintenance departments concentrate on three principles of cost effectiveness: (1) looking for new products or processes that will save time or money, (2) reexamining that equipment and materials usually cost less than money, and (3) keeping in mind that planning is prerequisite to saving money. The seven examples of industrial maintenance in this article illustrate these principles, and show how the principles can be applied to schools as well as industry.

1010-73

936 A DAY.
C A Powell.
Sch Foodserv J 25 (2): 55-58. Feb 1972.
J89.3 SCH5

Convenience foods. Costs. Disadvantaged youth. Mental retardation. School food service.
Abstract: Lapeer State Home and Training School, Lapeer, Michigan, stays within a raw food cost budget of no more than 93¢ to feed one resident three meals daily. The mentally retarded "kids" are 1-90, 2,750 in number, and receive an average intake of 2800 calories per day.

Education and Training

1011-73

A "FAIR" WAY TO TEACH NUTRITION.
Maria Yavosh.
J Nutr Educ 2 (2): 48-49. Fall 1970.
TX341.J6

Activity learning. Hospital food service. Nutrition education.
Abstract: A nutrition fair held in a hospital not only communicated trends in hospital dietetics but also related food and nutrition to community resources which may provide continuing care for patients after discharge.

1012-73

AV DECISION MODEL.
Gerard J Ennis.
Training In Business And Industry 9 (3): 40-45. May 1972.
HF1101.T7
Audiovisual aids. Cost effectiveness. Instructional materials. Training.
Abstract: The author tells how Atlas Chemical Industries analyzed its needs in choosing audiovisual media for training programs. Pilot programs are described from which Atlas deduced 19 criteria on which to make a logical choice of audiovisual tools.

1013-73

ADVENTURES IN NUTRITION EDUCATION RESOURCES II--MINI WORKSHOPS WITH DAIRY COUNCIL, INC.
Arlene Bickel, Joan Gay, Betty Harris.
In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 64-66.
July 18/28, 1971.
LB3479.U5 F6N
Nutrition education. Workshops.
Abstract: This paper presents three mini-workshops which were used to demonstrate vehicles by which the teaching of nutrition can be integrated into a total elementary school curriculum. Dairy Council, Inc. Materials were used in the workshops.

1014-73

ALL BENEFIT FROM HANDICAP'S TRAINING.
D Dunlap.
Sch Foodserv J 26 (1-2): 83-84. Oct 1972.
J89.8 SCH6
Disadvantaged youth. Food service training. Mental retardation. Vocational education.
Abstract: Description of successful program in Newport News, Virginia, school cafeterias, for training mentally retarded children in food service occupations.

1015-73

GUIDELINES FOR HOSPITALITY EDUCATION IN JUNIOR COLLEGE.
American Association of Junior Colleges
Richard L Alsaared.
Washington, D.C. 56 p. 1967.
TX911.5.A4 F6N
Adult education. Curriculum planning. Facilities planning and layout. Financial support. Food service training. Junior colleges. Public relations. Vocational education.
Abstract: This booklet provides guidelines for junior colleges that are establishing occupational education programs in hotel, restaurant, and institutional management. The guidelines are general and allow for adaptation to individual needs.

1016-73

OPPORTUNITIES FOR EDUCATIONAL AND VOCATIONAL ADVANCEMENT: GED TESTING PROGRAM, COLLEGE-LEVEL EXAMINATION PROGRAM, USAFI COURSES AND TESTS. 4th ed.
American Council on Education
Washington, D.C. 52 p. 1971.
U408.3.A4 F6N (American Council on Education. Bulletin no. 10)
Admission criteria. Adult education. Equivalency tests. Evaluation. General Educational Development. Higher education. Job placement. Professional education. Vocational education.
Abstract: There are pressing demands today by adults, who did not or could not complete their formal education, for programs adapted to their needs which will enable them to meet requirements of high school graduation so that they may qualify for better jobs or continue their studies at a higher level. There are also those who have acquired college-level knowledge through nontraditional means and wish to demonstrate their academic achievement to gain recognition in fields where a reliable method is needed for assessing a person's educational level. This publication describes three programs established specifically for adults: General Educational Development (GED) Testing Program, sponsored by the American Council on Education through its Commission on Accreditation of Service Experiences; College-Level Examination Program (CLEP), sponsored by the College Entrance Examination Board; and the United States Armed Forces Institute (USAFI) Courses and Tests, a program of instruction and testing, sponsored by the Department of Defense.

1017-73

A GUIDE TO THE EVALUATION OF EDUCATIONAL EXPERIENCES IN THE ARMED SERVICES: FORMAL SERVICE SCHOOL COURSES; CREDIT AND ADVANCED STANDING BY EXAMINATION.
American Council on Education
Cornelius P Turner
Washington, D.C. 527 p. 1968.
U408.3.A653 F6N
College admission. Education. Equivalency tests. Evaluation. Inservice courses. Vocational education.
Abstract: This guide provides a sound appraisal of the various training programs offered in the armed services. It also describes two national testing programs through which adults have an effective method for the evaluation of their achievements at specific educational levels.

1018-73

GRANTING CREDIT FOR SERVICE SCHOOL TRAINING. 3d ed.
American Council on Education, Commission on Accreditation of Service Experiences
Washington, D.C. 18 p. 1968.
U40893.A422 F6N (American Council on Education. Bulletin number 8)
Admission criteria. Adult education. Colleges. Equivalency tests. Evaluation. General Educational Development.
Abstract: This bulletin is primarily for use by officials of institutions of higher education concerned with the admission and placement as students of both veterans and service personnel on active duty. It explains the various means through which the Commission on Accreditation of Service Experiences can help institutions in the evaluation of and the granting of credit for military educational experiences. Described are the Commission's services and, in particular, its major handbook, the 1968 edition of A Guide to the Evaluation of Educational Experiences in the Armed Services. It also defines the types of military training programs evaluated by the Commission and how the evaluations are made, and specifies types of service training that are not evaluated by the Commission. It includes suggestions and "cautions" that officials should consider in determining whether or not credit might be granted to enrolled students for their military educational experiences.

1019-73

EXAMINER'S MANUAL FOR THE TESTS OF GENERAL EDUCATIONAL DEVELOPMENT. 6th ed.
American Council on Education, General Educational Development Testing Service

Washington, D.C. 17 p. 1971.

U408.3.A426 F6N

Administration; Equivalency tests; General Educational Development; Manuals.

Abstract: This annual gives procedures and recommendations for examiners administering the General Educational Development Tests. A description of the testing program and of the interpretation and validity of the tests is included.

1020-73

MANUAL FOR THE EDUCATION OF THE FOOD SERVICE SUPERVISOR, PART ONE OF TWO-PART SERIES; GUIDELINES FOR ORGANIZATION AND ESTABLISHMENT OF A TRAINING COURSE.

American Dietetic Association

Chicago, Ill. 28 p. 1958.

TX943.5.T7A4 F6N

Curriculum planning; Facilities planning and layout; Food service management; Food service training; Guides; Inservice education; Recruitment; Supervision.

Abstract: The purpose of this manual is to assist in the development of training programs for food service supervisors, and to identify what must be considered in establishing a course. An outline for minimum classroom instruction includes lessons on (1) orientation to the food service department, (2) nutrition, (3) menu-making and planning, (4) merchandizing and procurement of food, (5) principles of food preservation and service, (6) housekeeping, sanitation, safety, and hygiene, and (7) supervisory and job techniques.

1021-73

A STUDY GUIDE FOR THE FOOD SERVICE SUPERVISOR. 4th ed.

American Dietetic Association

Chicago, Ill. 139 p. 1968.

TX943.5.T7A422 F6N

Correspondence study; Dietetics; Food service training; Hospital food service; Study guides; Teaching guides; Therapeutic and special diets.

Abstract: This correspondence course for the training of the food service supervisor is an organized educational program designed to assist the food service supervisor in fulfilling the responsibility of his position. The course is primarily planned for those individuals who are in locations and situations where there is no public school instruction offered for the training of food service supervisor in vocational-technical high schools and junior colleges. The intent and purpose of this course is to help the student improve his performance on the job and thus improve patient care.

1022-73

MANUAL FOR THE EDUCATION OF THE FOOD SERVICE SUPERVISOR--PART ONE OF TWO-PART SERIES.

American Dietetic Association

Chicago, Ill. 77 p. 1956.

TX943.5.T7A42 F6N

Dietetics; Food service management; Food service training; Guides; Hospital food service; Inservice education; Supervision; Work experience.

Abstract: The purpose of this two-part manual is to assist in the development of training food service supervisors and to identify what must be considered in establishing a course of study. Part 1 of the guide concerns the procedure for establishing a course and the outline for classroom instruction. Part 2 deals with course content in the various food service operations.

1023-73

CONFERENCE ON GUIDELINES FOR NUTRITIONAL EDUCATION IN MEDICAL SCHOOLS AND POSTDOCTORAL TRAINING PROGRAMS, JUNE 25-27, 1972.

American Medical Association

Philip L. White, L. Kathleen Mahan, Maggie E. Moore

Chicago, Ill. 105 p. 1972.

R537.N844 F6N

Curriculum planning; Medical education; Nutrition education.

Abstract: The schools of medicine in the United States are woefully inadequate in providing nutrition training for their students. This booklet is a compilation of guidelines for establishing curricula in nutrition as part of the regular course of study in medical schools around the country. The conference, from which these guidelines evolved, was sponsored by the American Medical Association, the Nutrition Foundation, Inc., the Department of Health, Education, and Welfare, and the American Heart Association.

1024-73

IMPROVEMENT OF PERSONNEL THROUGH TESTING, INTERVIEWING, ORIENTING, TRAINING AND EVALUATING - PART 2.

American School Food Service Association

Denver, Colo. 129 p. 1969.

TX911.3.P444 F6N

Curriculum planning; Evaluation; Food service training; On the job training; Personnel management; Testing.

Abstract: This is part 2 of a manual designed to help school food service managers to hire, train, and hold dependable, qualified personnel. Personnel hiring and orientation techniques, training methods, and personnel evaluation techniques are all discussed in detail.

1025-73

SCHOOL LUNCH WORKER OTHER THAN DIRECTOR OR SUPERVISOR.

American School Food Service Association

Denver, Colo. 31 p. [n.d.].

TX943.A4 F6N

American School Food Service Association; Evaluation; Food service workers; School food service; Training.

Abstract: This bulletin has been prepared for the use of the school food service employee other than the director or supervisor. Their responsibilities include all phases of food preparation, safety, and sanitation. The contents of this bulletin are written in a form to be as accessible as possible to the many employees in this area of school food service.

1026-73

AND THEN THERE WERE 17!

Sch Feedserv J 27 (4): 29,31,34-35. Apr 1973.

389.8 SCH6

Dietetics; School food service; Training.

Abstract: In its third year, Milwaukee's American Dietetic Association-approved internship program in school food service administration graduates nine interns, bringing the total graduates to seventeen. The experiences of the earlier graduates are reviewed.

1027-73

APPLICATION OF A THREE-STAGE SYSTEMS APPROACH MODEL FOR PRODUCING CAREER AWARENESS MATERIALS.

Robert D. Brooks, Jack Whitehead, Fred W. Miller

Audiovisual Instruction 18 (4): 17-20. Apr 1973.

LB1043.A9

Audiovisual aids; Career choice; Instructional materials; Material development; Systems analysis; Vocational education.

Abstract: Commercial media producers are beginning to experiment with systems approach models for producing instructional media materials. The approach is certainly not new, but for many commercial producers a total system of development, including research and evaluation, is a radical departure from traditional filmmaking. The process presented in this article was used in the development of five multi-media units in career awareness.

1028-73

AN APPLICATION OF INSTRUCTIONAL DEVELOPMENT IN A STATE DEPARTMENT OF EDUCATION.

Jay C. Smith, William A. Crume

Audiovisual Instruction 17 (8): 18-23. Oct 1972.

LB1043.A9

Curriculum planning; Georgia; Inservice education; State government; Systems analysis; Teacher education.

Abstract: As a process for instructional improvement, instructional development can occur at several levels of the educational enterprise. The planning of a staff inservice development program for the Georgia Department of Education was viewed as an instructional development opportunity. Processes previously identified and developed by instructional developers were utilized to (a) identify and define the problem, (b) organize the development effort, (c) identify program objectives and methods including program structure and policies, and (d) construct a prototype of a component for the resulting staff inservice development program. This article is an explanation of the instructional development process utilized.

1029-73

APTITUDES IN SELECTION AND TRAINING OF FOOD SERVICE PERSONNEL.

Jack D. Nienmeyer, Marjorie M. McKinley, Geraldine M. Montag

J Am Diet Assoc 57 (4): 341-344. Oct 1970.

389.8 AM34

Aptitudes; Educational programs; Food service management; Food service training; Food service workers; Personnel management.

Abstract: A study was undertaken to determine the relationships of aptitudes of trainees to the outcomes of a training experiment. The training consisted of three short courses of five days' duration each, offered each summer at Iowa State University to personnel working in Iowa school lunch programs. Significant positive relationships were found between aptitudes and pretraining job knowledge. It was concluded that the norms established by the United States Employment Service for food service workers are useful tools for selection of employees from among job applicants. No relationship was found between aptitude scores and gain in job knowledge due to training. Inferring that training of the type given was likely to be as beneficial to persons with low aptitudes as to those with high aptitudes.

1030-73

THE MESSAGE IS YOU: GUIDELINES FOR PREPARING PRESENTATIONS.

Association for Educational Communications & Technology

Heck R. Rowe

Washington, D. C. 40 p. illus. 1971.

LB1043.95.A4 F6N

Conferences; Speeches; Teaching techniques.

Abstract: This booklet is for the guidance of those responsible for preparing presentations at conferences, conventions, and similar meetings. It gives detailed information as to planning, presentation, and successful use of audio-visual materials. Specific instructions are included for the presenter, the producer, and the sponsor.

1031-73

AUDIO-VISUALS MAKE EMPLOYEE TRAINING MORE EFFECTIVE.

Cooking for Profit 42 (264): 46,48,48-61. Feb 1973.

TX901.C6

Audiovisual instruction; Food service workers; Teaching aids; Training.

Abstract: Round robin of experiences and resources, examining the value of sound/sight employee training materials.

1032-73

1032-73

AUDIOVISUAL WORKSHOP.

George Silverstein
 Audiovisual Instruction 16 (2): 83-84, Mar 1971.
 L01043.A9

Abstract: This article describes the operation of the required audiovisual laboratory of the educational methods course at San Fernando Valley State College. The emphasis of the workshop was on machine operation and audiovisual hardware.

1033-73

BACK-TO-SCHOOLERS EARN DIPLOMAS.

Sch Foodserv J 27 (3): 43, Mar 1973.
 349.8 SCH6

Adult education, General Educational Development, Tests.
 Abstract: Encouragement to take tests under General Educational Development program to receive a high school diploma.

1034-73

BANQUET AND ACTIVITY FEATURES.

Dortez F Enloe
 In Proceedings of the Nutrition Education Seminar,
 Florida Agricultural and Mechanical Univ., 1971 p 162-167.
 July 18/28, 1971.
 L03479.U5 F6N

Abstract: Special activities which involved the seminar participants were held throughout the seminar. These included a banquet, the developing of behavioral objectives and a learning activity package for teachers, a creativity laboratory, a film festival, a session to demonstrate group dynamics, a media laboratory, nutrition games, an open forum, an outdoor seminar, project review panels, a seminar showcase, and teaching with tapes.

1035-73

BASICS OF ADULT MOTIVATION.

James E Crockett
 Training in Business and Industry 9 (11): 48-49, Nov 1972.
 HF1101.T7

Adult education, Motivation, Training.
 Abstract: Instructors at the Denver Board of Water Commissioners, and Regis College, motivate adult students by teaching them aspects of behavioral science that have immediate use. The training classes offer practical ways to use behavioral science techniques, followed up at the next session with brief discussions of how supervisors apply these techniques. Discussing the results of simple actions can be more productive than delivering theory. The importance of encouragement and external selection is also covered in this article.

1036-73

BEHAVIORAL OBJECTIVES HELP TEACH NUTRITION.

Sch Foodserv J 27 (1): 35-35/38, Jan 1973.
 349.8 SCH6

Abstract: Nutrition education goals for students and adults are set forth, together with the behavioral objectives for the students and adults which should result from the nutrition education.

1037-73

SUBJECTIVE EVALUATION OF AN EXPERIMENTAL TRAINING PROGRAM FOR FOOD SERVICE PERSONNEL.

Joan Marion Benedict
 N.p., 105 p., 1969.

Abstract: This master's thesis purports to study the subjective ratings of trainees' performance on the job and trainees' perceptions of the instruction they had in an experimental training course for food service personnel. This was done by having administrators, subordinates, and trainees all rate themselves and each other in terms of change in job performance which they attributed to participation in the training program. The author seems to have discovered that almost everybody found the training helpful in one way or another.

1038-73

BIOENERGETICS: AN ECOLOGICAL APPROACH TO NUTRITION EDUCATION.

Richard H Morgeson
 J Nutr Educ 2 (4): 147-148, Spring 1971.
 TX341.J6

Abstract: The author suggests a method for approaching nutrition education at the junior high level from an ecological standpoint, since man's nutritional intake is largely determined by ecological factors. The suggested course deals with the concept and functions involving bioenergetics—the processes by which living organisms (including man) live in balance with their environment by obtaining the necessary energy and returning this energy or matter to the environment.

1039-73

HOW WE STARTED STUDENTS ON SUCCESSFUL FOODSERVICE CAREERS;

CHEF HERMAN'S STORY.

Herman A Breithaupt
 Chicago, Institution/Volume Feeding Magazine 241 p. 1972.
 TX667.07 F6N

Abstract: The purpose of this book is two-fold. First, to present an anecdotal history of the Commercial Foods Program at Chedsey High School in Detroit, Michigan, where it was pioneered by Chef Herman A. Breithaupt. Second, to follow the lives and careers of some of the graduates of the Chedsey Commercial Foods Program in order to determine the effectiveness of such a training program in the preparation of youth for citizenship, employment (particularly within the hospitality industry) and personal development. The focus has been set on the interrelationship of events and philosophy as they apply to the establishment and subsequent development of America's first public high school program in Commercial Foods, one which has been the pattern for many throughout the country. It is intended to illustrate (1) the effectiveness, on the secondary school level, of such a training program, as measured in terms of employment within the foodservice/lodging industry, and (2) the necessity of obtaining additional formal training beyond high school.

1040-73

A CASEBOOK ON ADMINISTRATION AND SUPERVISION IN INDUSTRIAL-TECHNICAL EDUCATION.

Bill Wesley Brown

Chicago, American Technical Society 109 p. 1970.
 T65.3.075 F6N

Abstract: This text is intended to bring into context a set of working principles in supervision and administration together with groups of selected cases. The principles involved are not unique to industrial education, but are applicable to other fields as well.

1041-73

EFFECTS OF AN EXPERIMENTAL TRAINING PROGRAM FOR FOOD SERVICE PERSONNEL.

Morthe M Bunge

N.p., 178 p., 1968.

Abstract: This master's thesis describes the development and implementation of an experimental training program for food service personnel. The study describes the effects of the experimental program and analyzes the relationship between the program's effect on trainees and the trainees' length of experience in food service work, level of education, and job responsibility.

1042-73

CNI JOINS IN TRAINING MILWAUKEE INTERNS.

Sch Foodserv J 26 (6): 21-22, June 1972.
 349.8 SCH6

Abstract: Milwaukee's Community Nutrition Institute pays for training registered dietitians in the public schools' food service division.

1043-73

THE CALORIE GAME.

Urbana, Ill., Graphics Company unp. 1972.
 LB1044.9.03C3 F6N

Abstract: This set contains two educational games. One teaches the basics of nutrition by having students calculate food values according to the Recommended Dietary Allowances. In the other game, the students are given "calorie currency" to spend as they move around a food board trying to get 100% of all eight nutrients before running out of calories.

1044-73

CAREER DISCOVERIES: PEOPLE WHO MAKE THINGS (FILMSTRIPS).

Guidance Associates
 Pleasantville, N.Y., Guidance Associates 4 filmstrips, 59,50, 48,54 Fr., col., 35mm and 4 phonotapes. 1973.

Abstract: The first film in this series introduces students to people who make things for a living. A young carpenter's helper explains the complicated processes and machinery he must master in the custom furniture shop where he works. A well-known guitar maker demonstrates the care that goes into the six-week-long process of making each of his fine guitars. He points out that, before he opened his own shop, he served

A fifteen-year apprenticeship under a master guitar maker. A technician demonstrates the precision with which she grinds the lenses for gyroscopes. A young inventor demonstrates one of his electronic gadgets. A structural engineer crawls all over the world Trade Center to check out every phase of construction. Careers in manufacturing are represented by an expert cutter in a dress factory. In the other three filmstrips in this program, Jerry Baker and Josephine Schaniel demonstrate their work in assembling the huge DC-10 airplanes at the McDonnell Douglas plant; chef Arnye Solomon shows how he cooks for a hotel restaurant; and Denis Del Grosso shows his job-building models.

1045-73

CAREER DISCOVERIES: PEOPLE WHO ORGANIZE FACTS (FILMSTRIPS).
Guidance Associates
Pleasantville, N.Y. Guidance Associates. 4 filmstrips, 71, 56, 54, 46 Fr., col., 35mm and 4 phonotapes. 1972.
HF5381.C3 F64 AV
Career choice, Career education, Information science, Occupational choice, Occupational guidance.
Set includes: 4 filmstrips titled: People who organize facts: bakery foreman; automotive researcher; TV sports editor and 4 phonotape cassettes, m/a.
Abstract: Three red-clad mines and an almost-nonsense song introduce students to the world of people who work with information. While most jobs involve working with information in some way, there are people whose jobs entail spending all their time recording, organizing, or researching information. A bookkeeper in an architect's office explains why her work of recording facts about time and money is so important to the firm. A cab dispatcher explains why his job is one of organizing facts. A young scientist who works for a pollution control laboratory shows how facts about river water are collected and organized. A computer worker explains how his company uses computers to carry out a market research assignment from a soft drink company. A professional researcher explains how she hunts down the facts for a filmstrip. After this broad introduction in the first filmstrip the remaining three films concentrate on particular jobs: bakery foreman, automotive researcher, and TV sports editor.

1046-73

CAREER LADDERS IN FOOD SERVICE.
Cornell Hotel And Restaurant Admin Quarterly 11 (2): 24-35. Aug 1973.
TX901.C67
Career ladders, Food service management, Food service occupations, Food service training, Food service workers, Personnel management.
Abstract: As the decade of the 70s opens, the food service industry is at a critical juncture in its economic development. On the one hand, projections for future growth through an expanding market in terms of both numbers of patrons and frequency of dining-out occasions give rise to considerable optimism. On the other hand, manpower needs in the industry continue to grow. Yet, until recently, little serious thought and effort has been given to attracting and developing personnel to serve in the industry so that the economic growth expectations can be fulfilled. Scant attention has been paid to developing the vast reservoir of current non-management personnel to prepare them for the future. Compared to most other industries, the food service industry lags behind in this respect, which in turn has an adverse effect on attracting and retaining employees. This article is the first of two based on a report completed in June 1970 for the Office of Manpower Research of the U.S. Department of Labor.

1047-73

CAREER LADDERS IN FOOD SERVICE.
Cornell Hotel And Restaurant Admin Quarterly 11 (3): 65-80. Nov 1970.
TX901.C67
Career ladders, Food service occupations, Food service training, Food service workers, Personnel management.
Abstract: The August issue of this magazine presented a condensed summary of a report on the need for career ladders in the food service industry. This installment presents in full the first-hand talks the researchers had with managerial and non-managerial people when they visited 14 large food service organizations. For the most part, these personal interviews paint a sad picture for non-professional workers in food service.

1048-73

A PRELIMINARY INVESTIGATION OF THE EFFECTIVENESS OF PROGRAMED INSTRUCTION IN TEACHING SANITATION TO NON-PROFESSIONAL FOOD SERVICE EMPLOYEES.
Evelyn Josephine Carter
Columbia, Mo. 86 p. 1953.
LB1028.S.C3 F6N
Evaluation, Food service workers, Programed instruction, Research methodology, Sanitation, Training.
M.S. Thesis, University of Missouri.
Abstract: This limited study indicates that programmed instruction is potentially an effective tool which can be used in training unskilled food service employees. Programed instruction offers many advantages as a tool for training, especially for use in areas where little or no training exists due to the lack of qualified supervisory personnel who can devote the time required to do the training, to the lack of time to prepare training material, and/or to the lack of good instructors.

In food service operations that have on-the-job training and/or group instruction, programed instruction can be used as an additional tool for more effective training. Many more programs need to be developed before one can justify purchasing teaching machines, but it seems as if development of this industry did parallel development in other industries that as programs become available more machines will be sold. This will decrease the cost of teaching machines so they are economically feasible for organizations to purchase.

1049-73

CARTOON APPROACH TO NUTRITION EDUCATION.
Betty R Carruth, Sherrell B Forsee
J Nutr Educ 3 (2): 57-59. Fall 1971.
TX341.J6
Adolescents (12-19 years), Nutrition education, Secondary education, Teaching techniques.
Abstract: National surveys completed in 1946 and 1966 showed that adolescents were deficient in vitamins A and C, iron, and calcium. Teenagers' food selection is influenced by that of their friends. What and how much they eat depends greatly on what their friends eat. The author describes an illustrated programed course in nutrition for teenagers, featuring a cartoon character named "Slouth." The course is designed to allow students to discover on their own how to get the most nutritional value for the money spent.

1050-73

CHANGING HEAD START MOTHERS' FOOD ATTITUDES AND PRACTICES.
Robert R Zimmerman, Nancy Munro
J Nutr Educ 4 (2): 66-68. Spring 1972.
TX341.J6
Diet improvement, Food habits, Head Start, Montana, Nutrition education, Preschool children (2-5 years), Teaching techniques.
Abstract: This article describes how behavior modification techniques were used in a nutrition program for mothers of Head Start children in Missoula, Montana. Positive changes in both attitudes and home food practices occurred. By reinforcing appropriate behavior and not reinforcing negative behavior, the mothers came to accept many new ideas and practices with regard to diet and food preparation. Group motivational techniques were also used to gain acceptance of good food habits.

1051-73

CHILD SPACING AS A PART OF NUTRITION EDUCATION PROGRAMS.
Ryland E Webb, John A Ballweg, William Fougere
J Nutr Educ 4(3): 97-99. Summer 1972.
TX341.J6
Demography, Developing nations, Haiti, Malnutrition, Nutrition education, Population trends.
Abstract: The interval between births, as related to the nutritional status of children in a low-income community in Haiti, suggests the need to integrate education on child spacing into nutrition education programs.

1052-73

CLASSROOM COMMUNICATION: TELELECTURE.
Donald Kruck, Arnold D Tversky
Audiovisual Instruction 16 (2): 21-22. Feb 1971.
LB1043.A9
Audiovisual instruction, Instructional materials, Teaching methods.
Abstract: A "telelecture" is a pre-arranged phone call from a classroom to an outside lecturer. Students can question the lecturer and hear his responses over a loudspeaker. This article describes the mechanics of setting up a telelecture program, and its effectiveness in a particular school.

1053-73

INTRODUCTION TO PROFESSIONAL FOOD SERVICE: A BASIC COURSE FOR VOCATIONAL-TECHNICAL SCHOOLS, COLLEGE PROGRAMS, MOTA AND ON-THE-JOB TRAINING.
James P Coffman
The Culinary Institute of America
Chicago, Institutions Magazine/Voluee Feeding Management 291 p. illus. 1971.
TX943.C6 F6N
Accounting, Food preparation, quantity, Food processing, Food purchasing, Food service training, Menu planning, Nutrition, Sanitation, Storage.
Abstract: This textbook is designed to provide fundamental information for people interested in entering the food service field. Related food service subjects are stressed to give the student a foundation in the overall field as a basis for the study of actual food preparation. Lessons include organization of food service establishments, sanitation and safety, food poisoning, nutrition, purchasing and receiving foods, storage, menus, food processing, principles of food production, table service, and finances.

1054-73

COLLEGE JOINS SCHOOL FOODSERVICE IN TRAINING WORKERS.
Sch Foodserv J 26 (1): 48. Oct 1972.
349.4 SCH6
Colleges, Food service workers, School food service, Training.
Abstract: A local college is working with Lincoln, Nebraska's public school food service personnel in preparing employees for more demanding situations.

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PAGE 87

1055-73

1055-73

COMPUTER ASSISTED INSTRUCTION: A GOVERNMENT VIEWPOINT.
Training in Business And Industry 9 (4): 45-52, Apr 1972.
HF101.17

Computer applications, Federal government, Individualized instruction, Programed instruction, Teaching methods.
Abstract: To furnish a background in computer-assisted instruction for trainers in the service of the federal government, the United States Civil Service Commission, Training Assistance Division, Bureau of Training, prepared pamphlet T-15 on Computer Assisted Instruction: A General Discussion and Case Study. This article is an excerpt from it.

1056-73

COMPUTER-ASSISTED INSTRUCTION IN HOME ECONOMICS.
Family Econ Review p. 22, Mar 1972.

A321.9 R31
Computer applications, Home economics, Programed instruction, Teaching methods.
Abstract: The Dept. of Agriculture announced that it would be cosponsoring a workshop on the use of computer materials in home economics education at Michigan State University in 1972.

1057-73

COMPUTERS IN EDUCATION: RELEVANCE FOR OCCUPATIONAL EDUCATION.
Paul H Elliott
Audiovisual Instruction 18 (4): 7-13, Apr 1973.

LB1043.A9
Computer applications, Instructional materials, Programed instruction, Research methodology, Teaching methods, Vocational education.
Abstract: The author discusses the computer's role in educational research, management, and instruction. He cites possible applications of computer-assisted instruction in occupational education.

1058-73

CONCEPTUALIZING THE LEARNING CENTER.
Gary T Peterson
Audiovisual Instruction 18 (3): 67-72, Mar 1973.

LB1043.A9
Audiovisual aids, Educational resources, Instructional materials centers, Libraries, Planning.
Abstract: Though the split between print and nonprint professionals--probably not as much a result of dichotomous basic philosophies as a function of job and position wariness--still exists in many institutions, in one newly emerging organization--the learning center--the split is healing. It is this learning center, an integrated fully-coordinated facility combining a number of media functions, which may well provide an institutional framework in which emphasis can at last be placed on the products of learning with less regard for line-staff position. This article conceptualizes such a center.

1059-73

CONTINUING EDUCATION CONFERENCES.
Food Technol 25 (12): 74-75, Dec 1971.
389.5 F7393
Canada, Food industry, Institutes (Training programs), Nutrition education, United States.
Extract: Result of a survey conducted by the Education Committee of the Institute of Food Technologists with the purpose to determine what conferences, short courses, or continuing education programs designed to serve the food processing industry were available in the United States and Canada.

1060-73

CONTINUING EDUCATION IN NUTRITION.
E Neigel Todhunter
J Nutr Educ 4 (3) (suppl. 1): 139-140, Summer 1972.
TX341.J6
Adult education, Curriculum planning, Higher education, Nutrition education.
Abstract: This article defines the scope and limitations of continuing education programs in the field of nutrition. The author deals with such questions as: (1) For whom must we provide continuing education? (2) What kinds of programs are needed? (3) What means are available to provide such continuing education? and (4) Which groups or organizations have a responsibility for providing continuing education in nutrition?

1051-73

COOKING IN THE KINDERGARTEN.
Joan M Cohn, Mary M Johnson, Michele A Randolph
J Nutr Educ 4 (1): 26-27, Winter 1972.
TX341.J6
Activity learning, Cooking instruction, Kindergarten, Nutrition education, Teaching methods.
Abstract: The cooking activities described in this article help give young children confidence and a sense of pride. Introduce them to the subject of food and nutrition, and teach them basic academic skills, such as math and vocabulary.

1062-73

STATUS OF CURRICULUM DEVELOPMENT IN THE FIELD OF COMMERCIAL FOOD AT THE NON-BACCALAUREATE LEVEL.
Council on Hotel, Restaurant and Institutional Education
Mildred B Barnard
Ithaca, N.Y. 115 p. 1967.
TX911.5.B3 FCM

Commercial food service, Curriculum planning, Food service training, History, Instructional materials, Research methodology, Secondary education, Teaching techniques, Vocational education.

Abstract: This project presents the results of a study of known commercial food programs at the non-baccalaureate level in the nation. Focus for the study centers on these objectives: (a) to locate existing programs of training for food preparation and service and to collect and review their statements of philosophy and patterns of organizations; (b) to collect instructional materials now used in these programs; (c) to study intensively the programs of six selected high schools representing four approaches to this type training; (d) to prepare suggested organizational patterns for schools planning to develop programs; and (e) to survey instructional practices employed and make them available to interested schools.

1063-73

DEVELOPING A HOSPITALITY PROGRAM IN HIGH SCHOOLS: FOOD SERVICE AND LODGING EDUCATION.
Council on Hotel, Restaurant and Institutional Education
Richard L Almerode
Washington, D.C. 54 p. 1970.
TX911.5.C6 FCM

Adult vocational education, Curriculum planning, Facilities planning and layout, Financial support, Food service training, Occupational guidance, School community relations, Secondary education, Teacher education.
Abstract: This study provides guidelines for administrators, teachers, and industry advisory committees in developing high school courses and programs in food and lodging education. Information on adult food service education is also considered. The emphasis is not on setting up a particular program, but on drawing the parameters encircling the important factors to be considered in any program.

1064-73

MATH WORKBOOK - FOOD SERVICE/LODGING.
H W Crawford, M C McDowell
Chicago, Institutions Magazine/Volume Feeding Management 228 p. 1971.
HF5695.5.F6C7 FCM
Bookkeeping, Food service training, Mathematics, Workbooks.
Abstract: This text is for trainees wanting to enter the lodging/food service industry. The course has a practical bent, making sure the student is fully competent in addition, subtraction, multiplication, division, decimal numbers, percentages, and all aspects of business math. Business situations involving the use of math give students practice in such things as wage scales, inflation, labor costs, converting standard recipes, production reports, expenses, sales reports, pricing a menu, plus many others.

1065-73

CRITERIA FOR THE SELECTION OF RECORDS, FILMSTRIPS AND FILMS FOR YOUNG CHILDREN.
Nancy L Quisenberry, Terry R Shepherd, Winona Williams-Burns
Audiovisual Instruction 18 (4): 36-38, Apr 1973.
LB1043.A9
Audiovisual aids, Elementary education, Evaluation, Instructional materials, Media selection.
Abstract: The authors developed a chart to help teachers select media appropriate to a particular class of children. The criteria emphasized were areas of learning development: aesthetic value, concept development, experience with literature, interpersonal relationships, language development, and self actualization.

1066-73

FIRST FOODS.
Marion L Cronan, June C Atwood
Peoria, Ill., Ches. A. Bennett 286 p. illus. 1971.
TX345.C69 FCM
Consumer education, Cooking instruction, Food habits, Food service occupations, Foods instruction, Menu planning, Secondary education, Textbooks, Weight control.
Abstract: This textbook is directed to teenage pupils who do not learn at an average rate. It deals with the nutritional values of food, its preparation and serving. Special emphasis is placed on job opportunities in the food service field. Activities in planning and preparing food are included.

1067-73

DEVELOPMENTAL DIALOGUES.
Walter R Mahler, Hugh A McLean
Training And Dev J 26 (11): 50-54, Nov 1972.
LC1041.T7
Management, Management education, On the job training, Personnel management, Supervision, Training.
Abstract: "Developmental Dialogues" are two-way discussions between superior and subordinate during which understanding and agreement is reached, action is decided upon, and followup is scheduled. The author explains how such dialogues can be used by superiors in training their supervisory or management personnel and shows how continued use of such dialogues after initial training makes for a more productive staff/work situation.

1068-73

DIETETIC MANPOWER TRENDS IN EDUCATION AND TRAINING.
Seraldine M Piper
J Am Diet Assoc 57 (1): 225-226, Sept 1970.

PAGE 88

- 389.8 A434
Dietetics, Dietitians, Educational planning, Educational programs, Food service occupations, Food service training.
Abstract: Pointing out the need for additional manpower in the health occupations, the author goes on to explore (1) major factors that will accelerate demands for dietetic and nutrition personnel, (2) the educational and financial resources available to nutrition/dietetic manpower, (3) a rationale for the development of an occupational category called "dietary technician," and (4) some examples of current activities that represent developments in the education of dietitians and dietary technicians.
- 1069-73
THE DIETETIC PROFESSIONAL IN THE LABOR FORCE.
Jo M. Senters
J Am Diet Assoc 59 (4): 368-371, Oct 1971.
389.8 A434
Career planning, Dietitians, Employment opportunities, Statistical data, Surveys, Work attitudes.
Abstract: Historically, women in the labor force have exhibited work characteristics different from men. Although social changes are occurring in work patterns and attitudes, available data suggest that women have relatively few career commitments, discontinuous work careers, and are inclined to work primarily for monetary rather than professional reasons. An analysis of data on work patterns in dietetics indicates that professionals maintain high labor participation rates and when unemployed, are interested in returning to work. Recommendations for increasing career commitment among dietetic students and planning for the future supply of professionals are made.
- 1070-73
DIETETIC TRAINING '73.
Food Mgt 8 (1): 46-49, Jan 1973.
TX943.F6
Dietetics, Dietitians, Higher education, Nutrition education, Vocational education.
Abstract: A study made by the American Dietetic Association concluded that the dietitian has still to attain true professional status. The medical professions still consider dietitians to be little more than paraprofessionals. This article outlines the results of the ADA study and makes suggestions for upgrading the education and professional training of dietitians.
- 1071-73
CONTINUING EDUCATION IN NUTRITION-1970: PROCEEDINGS OF A SEMINAR HELD AT WASHINGTON, D.C., FEBRUARY 14, 1970.
District of Columbia, Dietetic Association
Washington, D.C. 77 p. 1970.
TX345.D5 F64
Communication, Consumer education, Convenience foods, Dietitians, Food additives, Nutrition education, Proceedings, Seminars, Therapeutic and special diets.
Abstract: This seminar report includes articles, programs and discussions centered on the theme of "continuing education in nutrition". Topics taken under consideration included communication skills; a report on District of Columbia food programs; food additives and nutrient quality as they affect the consumer; convenience foods in the hospital; dietary therapy in uremia; consumer education as it related to nutrition; and a workshop session on "Good Nutrition--Choice or Chance?".
- 1072-73
SELECTED ATTITUDES OF FOOD SERVICE PERSONNEL PARTICIPATING IN TWO METHODS OF TRAINING.
Rose Mary Dowling
N.o. 72 p. 1970.
TX943.5.T726 F64
Evaluation, Food service training, Inservice education, Learning, Research, Teaching techniques, Testing.
Thesis (M.S.) - Iowa State University, facsimile by the University, Ames, Iowa.
Abstract: This master's thesis purports to study the relationship of food service workers' attitudes to the effects of two methods of training--group instruction and self-instruction. All participants were managers of a food service. Attitudes tested were intelligence, verbal, numerical, spatial, and clerical. The conclusion seems to be that self-instruction in food service is not as effective as group instruction, but there is no significant relationship between either type of instruction and individual aptitudes.
- 1073-73
DYNAMIC "THINK" SESSIONS - SUMMARY OF BRAINSTORMING GROUPS.
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971. p 127-135, July 17/23, 1971.
L33472.1971 F64
Group dynamics, Problem solving, Public relations, School food service, Student participation.
Abstract: This section of the proceedings covers several dynamic "think" sessions. Seminar participants took part in brainstorming groups with the objective to develop new ideas for school food service and creative approaches for problem-solving. "Think" session topics included how to involve students more in school food service, how to increase participation in school food service, how to improve the decor and atmosphere in the average school lunchroom, how to win public support for school food service, and techniques for nutrition education in secondary schools.
- 1074-73
REVIEW AND ANALYSIS OF CURRICULA FOR OCCUPATIONS IN FOOD PROCESSING AND DISTRIBUTION.
ERIC Clearinghouse on Vocational and Technical Education
Wilay B. Lewis
Columbus, Ohio 32 p. 1970.
TX364.E33 F64 (ERIC Clearinghouse on Vocational and Technical Education, Information series no. 32)
Bibliographies, Curriculum planning, Food processing, Food service training, Information systems, Resource guides, Vocational education.
Abstract: Projected demands for increased numbers of food industry workers have resulted in a need to synthesize information related to the training of skilled workers for food industry occupations, with special emphasis directed toward curricula for emerging occupations. This analysis of literature related to food industry occupations was undertaken in an effort to help: assess the availability and current development of curricula, materials, and guides for their development and use; identify promising developments and findings in food industry occupational areas; and identify and describe the major conclusions and future research and development alternatives.
- 1075-73
EASY SILK SCREEN STENCILS.
Elaine Blitman
Audiovisual Instruction 16 (5): 68-69, May 1971.
LB1043.A9
Audiovisual aids, Instructional materials, Material development.
Abstract: Silk screen stencils can be produced quickly and easily using an electronic mimeo scanner. This article shows how.
- 1076-73
EDUCATING THE DIETITIAN IN A CHANGING WORLD.
J. Warren Perry
J Am Diet Assoc 56 (5): 387-391, May 1970.
389.8 A434
Career ladders, Dietetic internship programs, Dietitians, Junior colleges, Professional education.
Abstract: The author discusses education for the allied health professions in general, and for dietitians in particular. He sees major challenges to dietetics in career mobility, in the rising importance of community and junior colleges in professional education, and in the development of internship programs.
- 1077-73
EDUCATION FOR DIETETICS: THE IN-BASKET TECHNIQUE.
Mary Resita Schiller
J Nutr Educ 3 (1): 15-17, Summer 1971.
TX341.J6
Activity learning, Case studies, Dietetics, Dietitians, Management education, Teaching methods, Vocational education.
Abstract: In-Basket Technique of management training the student is presented with a series of situations, letters, memos, phone calls, notes, etc., representative of what might appear in an incoming box in an actual work situation. This article describes the use of this technique in training dietitians.
- 1078-73
EDUCATIONAL DIRECTIONS.
William H. Marshall
J Am Diet Assoc 58 (6): 509-511, Jun 1971.
389.8 A434
Education, Motivation, Psychology.
Abstract: This paper reviews various philosophical and operational aspects of education. Motivation and attitudes are considered. A general framework is outlined which suggests that the individual professional worker must be more aware of his educational stance. He must ask himself: (a) what do I believe about the mix of the various pieces of this framework? (b) Why do I believe it? (c) Is it accurate? Does it agree with the little evidence that we have?
- 1079-73
THE NON-HIGH-SCHOOL-GRADUATE ADULT IN COLLEGE AND HIS SUCCESS AS PREDICTED BY THE TESTS OF GENERAL EDUCATIONAL DEVELOPMENT.
Educational Testing Service
Aniel T. Sharon
Princeton, N.J. 13 p. 1972.
U408.3.55 F64
Admission criteria, Adult education, Equivalency tests, Evaluation, General Educational Development, Higher education, Predictive ability (Testing), Statistical data.
Abstract: This study was undertaken to determine the background and experience of non-high-school graduates who enroll in college on the basis of their General Educational Development Test scores; to determine the validity of the GED tests for predicting the success of non-high-school graduates at a variety of colleges; and to identify the advantages and problems created by granting admission to college by means of GED tests. Results of this study suggest that GED tests are useful for admission and guidance of college candidates who have not formally completed high school. If academic achievement of a candidate as reflected by his GED test score is equivalent to that of candidates who formally graduated from high school (normative sample), he should be given serious consideration for admission to higher education. High school dropouts who score satisfactorily on GED examinations are likely to earn

1080-73

cellage grades comparable to those earned by high school graduates who enroll in college.

1080-73

EDUCATORS' ATTITUDES TOWARD NUTRITION EDUCATION IN FLORIDA.

Michael J. Farrell, Jean L. Kendrick
J Nutr Educ 4 (1): 15-16, Winter 1972.
TX341.J6

Administrative personnel, Attitudes, Florida, Food service supervisors, Nutrition education, Surveys, Teachers.
Abstract: 851 Florida educators were surveyed to determine their attitudes towards nutrition education. Differences of opinion according to the professional positions occupied by respondents were found in only two basic items--the susceptibility of various income groups to poor nutrition, and the teaching of nutrition education. Teachers and principals considered poor nutrition to be primarily a result of low family income. Superintendents and food service supervisors expressed the view that increased income does not necessarily imply better nutritional practices. Teachers favored mandating the teaching of nutrition education. Other respondent groups considered mandating a measure of expediency and supported the alternative of including nutrition education in state accreditation standards.

1081-73

THE EFFECT OF A NUTRITION EDUCATION PROGRAM AT THE SECOND GRADE LEVEL.

Robert Levett, Edward Barker, Burton Marcus
J Nutr Educ 2 (2)(suppl. 1): 80-95, Fall 1970.
TX341.J6

Attitudes, California, Elementary education, Learning, Nutrition education, Research methodology, Teacher education, Teaching methods, Testing.
Abstract: The purpose of this study was to analyze the effectiveness of the Dairy Council of California nutrition education program on second grade students and teachers and to evaluate the environment in which nutrition is taught and teacher attitudes towards nutrition and nutrition education. It was concluded that students taught nutrition by trained teachers using prepared material showed marked improvement over classes taught with the material alone or objectives taken from state texts alone. This is true for both basic nutrition knowledge and ability to apply nutrition knowledge in selecting a balanced meal. The effectiveness of the Popsham model for teacher training was verified.

1082-73

ELEMENTARY BODY MECHANICS (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC. ROCOM

Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 16 min. 1970.
RA440.S.E4 FEN AV (Health employee learning program)
Health, Job training, Safety education, Work simplification.
For use in Fairchild cassette projector. Includes program guides.

Abstract: This training film demonstrates the importance of planning tasks and work procedures; distinguishes between the strength of back and leg muscles used in lifting; identifies correct sitting and standing posture; and shows the most efficient body movements for performing different jobs.

1083-73

EVALUATING TRAINING EXPENDITURES.

James E. Barrett
Training In Business And Industry 9 (6): 31-34, 53, June 1972.
HF1101.T7

Cost effectiveness, Job training, Training.
Abstract: This article is concerned with the evaluation of training expense from the general management point of view. A different view is taken of the key functions of an organization and the jobs within it, looking at productivity and its relationship to training; at types and characteristics of training; and at results vs. value. An argument is offered in favor of concentrating on value. Last, some key areas of questioning for the reviewing executive are suggested.

1084-73

EVERYWHERE THAT MRS. FARLEY WENT...

Sch Foodserv J 25 (1.e.25, 8): 67-68, Sept 1971.
389.8 S516

Children's games, Educational games, Instructional materials, Nutrition education.
Abstract: Yummy Rummy, an instructive child nutritional card game, is presented.

1085-73

EXEMPTION OF STUDENTS FOR FIRST COURSES IN FOOD AND NUTRITION.

Betty A. Carruth, Margaret E. Briley, Sujit K. Roy
J Nutr Educ 2 (3): 101-103, Winter 1971.
TX341.J6

Higher education, Nutrition, Nutrition education, Predictive ability (Testing), Pretesting, Testing.
Abstract: College students represent a vast array of abilities. These abilities are usually grouped into three categories: cognitive, affective, and psychomotor. The authors describe the development of a test instrument, a pretest to determine the initial status of students prior to a beginning course in food and nutrition. They emphasize ways in which a pretest helps the instructor know his students and their potential

achievement.

1086-73

AN EXPERIMENT IN INTEGRATING NUTRITION EDUCATION INTO THE ELEMENTARY SCHOOL CURRICULUM [A PANEL].

Edward J. Post, Mary Critser, Annette Kehriger
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 14-15, July 19730, 1971.
LB3479.U5W5 FEN

Elementary education, Models, Nutrition education.
Abstract: This paper presents the objectives and efforts involved in an experiment in integrating nutrition education into the elementary school curriculum. Panel members included the administrator of School Food Service Programs, Wisconsin Department of Public Instruction, the Director of School Food Service Programs, Green Bay Public Schools and a nutrition consultant from the Wisconsin Dept. Of Health and Social Services.

1087-73

EXPLORING LOCAL RESOURCES.

John J. Chalmers
Audiovisual Instruction 16 (5): 70-74, May 1971.
LB1043.A9

Alberta, Canada, Audiovisual aids, Educational resources, Instructional materials, Material development, School community relations, Teacher developed materials.
Abstract: When teaching about their local community, or other poorly publicized areas, teachers may often have to develop their own instructional materials. Slide sets, tape recordings, filmstrips, and short movies can be produced without great difficulty or expense. The author describes the work he has done making his own materials in Edmonton, Alberta.

1088-73

NUTRITIONAL AWARENESS INSTRUCTION SERIES FOR CLASSROOM USE.

Family Circle, Inc.
New York, N.Y. una. 1972.
LB1587.NAF3 FEN

Ethnic foods, Food groups, Instructional aids, Nutrition education, Teaching guides.
Abstract: This is a basic lesson plan guide for teaching nutritional awareness. Each lesson contains a statement on (1) its scope and sequence, (2) generalizations to be made, (3) learning experiences to use in class, (4) teaching aids, and (5) questions to ask the students. Posters are included.

1089-73

FILM AND THE MEDIA (REVOLUTION).

David J. Powell
Audiovisual Instruction 16 (1): 29-31, Jan 1971.
LB1043.A9

Activity learning, Audiovisual instruction, Communications, Curriculum planning, Elementary education, Film study, Secondary education, Teaching methods.
Abstract: Film study, particularly film making, can involve students directly in communication processes, enhancing their awareness of the nature of verbal and visual communication and stimulating their overall acuity and ability to learn. The author describes his experiences teaching high school and elementary film classes and presents some guidelines for teaching film.

1090-73

FILMS HELP CAREER GUIDANCE PROGRAM.

P. E. Patterson, Clarence Johnson, Lloyd Ottterman
Audiovisual Instruction 16 (5): 78-80, May 1971.
LB1043.A9

Audiovisual aids, California, Career choice, Educational programs, Occupational guidance.
Abstract: The Orange County, California, Vocational Guidance Project has two objectives: primarily the planning and implementing of effective vocational guidance programs, and secondarily, the collection of field data for the continued development of effective vocational materials. Thirteen films are used in this project. The article describes the background of the project, its development and objectives and, in particular, the effectiveness of the films.

1091-73

THE FIRST YEAR OF A COORDINATED UNDERGRADUATE PROGRAM IN FOOD SYSTEMS MANAGEMENT.

Marian C. Spears
J Am Diet Assoc 62 (4): 417-419, Apr 1973.
389.8 AM34

Food service training, Higher education, Management education, Work experience.
Abstract: The University of Missouri at Columbia offers a coordinated program in food systems management. The program combines work experience with courses on principles of food systems management; quantity food purchasing and preparation; development, utilization, and maintenance of physical resources; operations analysis; and management of food systems. The curriculum was planned with several concepts in mind, among them that "the practicum should be as closely related to the didactic in time and content as schedules would allow."

1092-73

FIVE STEPS TOWARD BETTER SMALL MEETINGS.

Elliott M. Fox
Training In Business And Industry 9 (6): 40-41, Jun 1972.

- HF1101.F7
Conferences, Organizations, Planning.
Abstract: Small meetings, like large ones, should be brief and pertinent, not boring and inconclusive. This article suggests ways of achieving brief pertinence.
- 1093-73
TOWARD BETTER TEACHING OF HOME ECONOMICS.
Henrietta Fleck
New York, Macmillan. 402 p. illus. 1966.
TX165.F57 F6N
Evaluation, Home economics education, Instructional materials, Occupational home economics, Public relations, Teacher education, Teaching methods, Textbooks.
Abstract: Being a teacher's guidebook, the contents are directed at the specifics of how to plan, organize, and teach a home economics course. Precise directions are given for every contingency--from using media materials in the classroom to handling student problems.
- 1094-73
INSTRUCTOR'S OUTLINE FOR FOUNDATIONS OF SCHOOL FOOD SERVICE.
Florida, Dept. of Education
Marie Hudson
Tallahassee, Fla. 221 p. 1969.
TX945.F6 F6N
Equipment, Food preparation, quantity, Inservice education, Personnel management, Purchasing, Safety, Sanitation, School food service, Teaching guides.
Abstract: This course outline assists in teaching the basic fundamentals of school food service work. Information is keyed to the occupational training level of the supervised employee. The lessons deal with (1) orientation to school food service, (2) educational aspects of school food service, (3) personnel, (4) school food service patterns, (5) sanitation and safety, (6) purchasing and storing, (7) food production and service, (8) increasing productivity, (9) use and care of equipment, (10) public relations.
- 1095-73
VISUAL AIDS IN NUTRITION EDUCATION: A GUIDE TO THEIR PREPARATION AND USE.
Food and Agriculture Organization of the United Nations
Alan C. Holman
Rome. 145 p. 1969.
L81043.5.F6 F6N
Activity learning, Audiovisual aids, Developing nations, Dramatic play, Instructional materials, Nutrition education, Teaching techniques.
Abstract: This manual is a practical guide to the selection and preparation of audiovisual aids for use in nutrition education programs. The media materials are concerned with food and nutrition problems in developing countries. It is assumed that the user of the guide already has a knowledge of the elements of nutrition and the methodology of food and nutrition education.
- 1096-73
FOOD INFORMATION OF HOMEMAKERS AND 4-H YOUTHS.
Virginia Li Wang
J Am Diet Assoc 58 (3): 215-218. Mar 1971.
389.8 AM34
Consumer education, Educational planning, Evaluation, Extension education, Food misinformation, Low income groups, Nutrition education.
Abstract: This study differentiated between low- and middle-income homemakers and teen-age youths in their abilities to distinguish nutrition fallacies from facts. It was discovered that women in the Homemakers Clubs organized by the Maryland Extension Service were better able to differentiate accurately between food facts and fallacies than were low-income women or 4-H youths. The latter two groups had similar levels of nutrition knowledge. The author concludes that "It is conceivable that the members of the Homemakers Clubs, who were largely from middle-income families, had a better knowledge than the low-income women and 4-H youths, due to a greater variety of experience and possibly higher level of education." This conclusion leads to recommendations for improvements in extension nutrition education programs.
- 1097-73
FOOD QUALITY EVALUATION--A LEARNING TECHNIQUE.
Sandra L. Martin
J Nutr Educ 3 (2): 70-72. Fall 1971.
TX341.J6
Evaluation, Food quality, Junior colleges, Nutrition education, Secondary education, Teaching techniques.
Abstract: The author outlines an approach to the introduction of food quality evaluation to advanced high school and junior college students, including illustrations and examples. She emphasizes that food quality (flavor, texture, odor, and appearance) is nutritionally important, since foods are nutritious only when consumed. The role of the senses (taste, touch, smell, and sight) in detecting food quality is stressed, and students are shown various methods of food evaluation.
- 1098-73
FOOD SCIENCE AND HUMAN NUTRITION.
G A LeVillie
Food Technol 26 (8): 77, 78. Aug 1972.
389.8 F7398
Educational planning, Educational programs, Food technology, Nutrition, Nutrition education, Research.
Abstract: Although food science and nutrition complement each other, they have traditionally been separate disciplines. The author tells why a merger between the two must now be effected and describes the successful merger, at the academic level at Michigan State University.
- 1099-73
FOOD SCIENCE EDUCATION: GETTING BACK TO THOSE WE SERVE.
R V Sprague, F M Clydesdale, F J Francis
Food Technol 26 (9): 70-72, 74. Sept 1972.
389.8 F7398
College curriculum, Educational planning, Nutrition education.
Abstract: The Dept. of Food Science of the College of Arts and Science at the University of Massachusetts intends to introduce a course "The struggle for food". Students taking this course will become familiar with concepts related to the subject. Beyond that they will begin to understand the problem of the world food shortage, how it might be alleviated and how they will play a significant role in man's search for answers in this field.
- 1100-73
FOOD SCIENCE PROGRAMS: CURRENT TRENDS.
G E Livingston
Food Technol 26 (9): 76, 78, 80, 82. Sept 1972.
389.8 F7398
Academic development, Canada, Educational planning, Nutrition education, United States.
Abstract: The article presents results of a survey carried out in 1972 indicating that graduate Food Science education in the United States and Canada has undergone an energetic period of growth and diversification in the last decade. Food Science units have already largely absorbed many community oriented programs. A new trend toward the merger of Food Science and Nutrition now appears to be underway.
- 1101-73
FOOD SELECTION AND SERVICE (TRANSPARENCIES).
Margaret Mary Clarke
Minnesota Mining and Manufacturing Company, Visual Products Division
St. Paul, Minnesota Mining and Manufacturing Co. 22 transparencies, color, 8 1/2 x 11. 1968.
TX943.F6 F6N AV
Food composition tables, Food guides, Food selection, Food serving methods, Fresh foods, Menu planning, Prepared foods.
For use with overhead projector. Includes a teacher's guide.
Abstract: This set of transparencies includes charts of food groups, explaining terms, sizes, and quality, and what nutrients each group provides; raw and packaged foods; can sizes; and serving sizes and table settings.
- 1102-73
FOOD SERVICE ORIENTATION (FILM LOOP).
Trainex Corporation
Garden Grove, Calif., Trainex Corp. 1 cassette, 16mm, sd, col, 16 min. 1968.
RA975.5.D5F6 F6N AV [The Hospital food service series]
Dietitians, Food preparation, quantity, Food service training, Hospital food service, Hygiene, Sanitation, Storage.
For use in Audiscan projector.
Abstract: Part one of this filmstrip shows how hospital food service employees can best serve the various people who eat in hospitals: patients, doctors, visitors, etc.; demonstrates food preparation techniques and emphasizes the importance of sanitation, proper dress, and promptness. Different jobs are covered: receiving and storage, baking and cooking, as well as the duties of the manager and dietitian. Part two discusses special diets, food preparation and service for patients' trays and for cafeterias, and dishwashing.
- 1103-73
FOOD--LIFE DEPENDS ON IT.
Ardith A. Von Housen
J Nutr Educ 3 (2): 61-63. Fall 1971.
TX341.J6
Elementary education, Nebraska, Nutrition education, Teaching methods, Teaching techniques.
Abstract: The author has a unique position as nutritionist for the Westside Community Schools of Omaha, Nebraska. She was employed to serve as liaison between the school food service and curriculum personnel. In that capacity, she helped develop a successful program in nutrition for children in the upper elementary grades, which is described in this article. The behavioral objectives of the course are to (1) instill greater awareness of nutrition in total health, (2) gain the ability to select the right foods for the daily diet, (3) understand the food industry, and (4) take responsibility for one's own state of health.
- 1104-73
A FOUNDATION FOR IN-SERVICE SUCCESS.
Paul D. English
Audiovisual Instruction 16 (3): 76-77. Mar 1971.
L81043.A9
Audiovisual aids, Audiovisual instruction, Inservice education, Research, Teacher education.
Abstract: 457 Denver teachers were asked what kind of inservice audiovisual education they wanted. Their responses to some of the questions are analyzed in this report. The teachers were found to be particularly interested in learning how to

1105-73

match media with objectives and how to prepare transparencies; being introduced to television teaching; and receiving information about free and inexpensive materials.

1105-73

FOUNDATION COURSE: INSTRUCTORS' MANUAL.
Georgia Dept. of Education, Office of School Administrative Services, School Food Services Unit
Atlanta 32 p. (n.d.).
TX945.34 F6M (School lunch 1)
Food service management, Food service training, School food service, Teaching guides, Teaching techniques.
Abstract: This is the teachers' guide for the first in a series of basic courses designed for use in training school food service personnel. A variety of techniques and devices, well used, will add to the effectiveness of the courses. Some visual aids are included in this guide. Others should be developed as needed. This orientation course is designed to give an overall view of the school food service program to managers or assistant managers. Courses which follow will outline more detailed study in the various phases of the program.

1106-73

GETTING PARTICIPATION IN FILMS.
Patrick F. Suessmuth, Marit Stengels
Training in Business And Industry 9 (81): 29, 33, Aug 1972.
HF1101.77
Audiovisual aids, Discussion (teaching technique), Instructional materials, Teaching techniques, Training.
Abstract: The authors suggest that if you get trainees involved in a film and participating in discussions about it, they will learn more and your company's resources will be better spent. The article gives advice on how to get trainees to participate and how to select films properly.

1107-73

GETTING THE MOST FOR YOUR MEDIA DOLLAR. 1.
C. Murphy
Forecast Home Econ 16 (6): F66-F69, Feb 1973.
321.6 H752
Audiovisual aids, Instructional media, Media selection.
Abstract: Guides selection and use of films, filmstrips, slides, and overhead projection of transparencies.

1108-73

GETTING THE MOST FOR YOUR MEDIA DOLLAR. 2.
C. Murphy
Forecast Home Econ 16 (7): F16-F19, Mar 1973.
321.6 H752
Audiovisual aids, Educational games, Instructional media, Media selection.
Abstract: Guides selection and use of discs and tapes, graphics, and classroom games.

1109-73

GOAL SETTING.
James L. Gent
In Proceedings of the Nutrition Education Seminars, Florida Agricultural and Mechanical Univ., 1971 p 102. July 1972.
L83479.U5 F6M
Seminars.
Abstract: This paper covers an evening-night group dynamics session which was held to allow participants to get acquainted and to set up goals for the seminar.

1110-73

COOKING FOR FOOD MANAGERS-A LABORATORY TEXT: AN INTRODUCTION TO QUANTITY FOOD PREPARATION AND PRODUCTION FOR MID-MANAGEMENT FOOD SERVICE PERSONNEL.
Joseph G. Gross
Dubuque, Iowa, Wm. C. Brown Co. 146 p. 1971.
TX20.G72 F6M
Cooking instruction, Food service management, Food service training, Laboratory manuals, Menu planning, Safety, Sanitation, Vocational education.
Abstract: This course is designed specifically for those students who are mid-management majors in a Hotel-Motel and/or Food Service industry. Its purpose is to teach these future managers the methods of production for high quality foods. The course is developed so that the student will receive an understanding of cooking rather than a facility with skills. This manual is so designed that the students can more effectively manage and control that area of a food service establishment commonly referred to as the "back of the house," that area which represents as much as 65 per cent (or more) of the expenditures required to carry on day-to-day food service operations.

1111-73

HELP WANTED: CAREER LADDEPS TURN DEAD-END JOBS INTO CAREER OPPORTUNITIES.
Cooking for Profit 40 (291): 21-22, Nov 1971.
TX901.36
Career ladders, Food service occupations, Food service workers, Training.
Abstract: Extracts from: "A study of career ladders and manpower development for non-management personnel in the foodservice industry," available from the Clearinghouse for Federal Scientific and Technological Information, Springfield, Mo. 22151, price, \$3.30.

1112-73

HOME STUDY COURSES FOR FOOD SERVICE EMPLOYEES - AN IOWA PROGRAM.
Anna Katherine Jernigan
J As Diet Assoc 36 (6): 527-529, Jun 1970.
369.8 AH34
Correspondence study, Educational programs, Food service training, Food service workers, Iowa, Vocational education.
Abstract: This study made of Iowa food service workers participating in a program of home study shows that home study courses are not difficult to develop and are an excellent training tool. Lessons should be short, so that the student is not overwhelmed with reference material at any one time, and very simple, so that the material can be easily understood. The material should apply to the job being done by the employee. Questions should pinpoint the key items that the student should remember, and some questions should relate the material to the job the student is doing. The lessons can provide a good vehicle for in-service training programs to be conducted by the dietary consultant or dietitian, and they provide a method of obtaining feedback. The students seem to feel that the practical application of learnings is all their own idea--that the accomplishments are theirs and as a result, they begin doing the things that have been taught.

1113-73

HOSPITAL COOKS CORRESPONDENCE COURSE (AN IN-SERVICE TRAINING PLAN) 1969.
L. H. Farovang
J Can Diet Assoc 31 (3): 159-162, Sept 1970.
389.9 C1632
Cooking instruction, Cooks, Food service supervisors, Hospital food service, Inservice programs, Training, Vocational education, Work study programs.
Abstract: Course of six-months duration, to improve quality of cooking, produce standard product at all times, involve food service supervisors more directly with supervision of cooks, and initiate more efficient working techniques.

1114-73

HOSPITAL DISHWASHING (FILM LOOP).
Trainex Corporation
Garden Grove, Calif., Trainex Corp. 1 cassette, 16mm, sd, col. 16 min. 1968.
RA975.5.D5H62 F6M AV (The Hospital food service series)
Cleaning equipment, Dishwashing, Food service training, Hospital food service, Maintenance, Work simplification.
For use in Audiscan projector.
Abstract: Part one of this training filmstrip covers dishwashing machine preparation, pre-washing, and loading. Part two covers unloading, good body mechanics, machine maintenance, and pot washing.

1115-73

HOW PROFESSIONAL ARE YOU?
Martin M. Broadwell
Training in Business And Industry 9 (2): 24-27, Feb 1972.
HF1101.77
Educational programs, Job training, Management development, Management education, Personnel management, Training.
Abstract: The author presents 6 cases of ineffective training directors and staffs to illustrate the reasons why personnel responsible for training within a company are not considered professional. Each case is analyzed and suggestions given for improvement of training staffs and personnel managers.

1116-73

HOW TO BRIEF PEOPLE.
Clark C. Abt
Training in Business and Industry 9 (9): 50-54, Sept 1972.
HF1101.77
Communications, Management education, Personnel management, Training.
Abstract: The author explains what a briefing is and what it is supposed to accomplish. He points out the common faults of bad briefings and gives advice for conducting effective ones.

1117-73

HOW TO GET OUT STARTED ON THE RIGHT FOOT.
William R. Tracay
Training in Business And Industry 9 (6): 26-30, June 1972.
HF1101.77
Curriculum planning, Job training, On the job training, Training.
Abstract: On-the-job training is the irreducible minimum in organizations of every kind. It is as useful so it is ubiquitous. With the application of a few principles and an information format, outlined here, the effectiveness of the training can be increased substantially.

1118-73

HOW TO MAKE CLASSROOM DISCUSSIONS WORK.
L. Bailey
Forecast Home Econ 16 (7): F13, F28, F34, F36-F38, Feb 1973.
321.6 H752
Communications, Teaching methods, Teaching techniques.
Abstract: Successful classroom discussions involve performance of certain tasks by students and by teachers: preparation, guidelines, avulsion. Effective group interaction is the goal by which the teacher evaluates the quality of discussions in the classroom.

- 1119-73
HOW TO ORGANIZE TRAINING INFORMATION.
Paul M. Cheddock
Training in Business and Industry 9 (11): 50-51, 57. Nov 1972.
HF11C1.T7
Information needs, Information services, Libraries, Training, Vocabulary.
Abstract: The information needs of trainers fall into three major categories: hardware, sources, and software. A training reference library can be organized along the same lines, as demonstrated in this article. A list of subject headings for each category is included.
- 1120-73
HOW TO TRAIN A FRY CHEF.
W. Sanstadt
Cooking for Profit 42 (261): 48-50. Jan 1973.
TX901.C26
Commercial food service, Cooks, Frying, deep fat, Training.
Abstract: Techniques of teaching a fry chef his job.
- 1121-73
HUMAN RELATIONS TRAINING - NEW VALUE FROM A MALIGNED TECHNIQUE.
John W. Newstrom
Training And Dev J 27 (4): 3-6. Apr 1973.
LC1041.T7
Educational planning, Evaluation, Management education, Training.
Abstract: This study of corporate training programs has found that: (1) Training directors should analyze the overall need for supervisory training in the area of problem identification, which is a critical prerequisite to subsequent efforts to improve problem solutions, (2) Human relations training has significant value for inducing a measurable behavioral change. Improvement in problem classification accuracy can be stimulated through application of a low-cost training program that results in a pragmatic benefit to the individual and the organization, (3) The design of training programs and the selection of the trainers should be based on differential analyses of supervisory needs.
- 1122-73
RELATIONSHIP OF ATTITUDES TO RETENTION OF LEARNING AND ATTITUDE CHANGE TWO YEARS AFTER FOOD SERVICE TRAINING.
Ethel Schiavelli Hutchinson
N.S. 46 5. 1970.
TX943.5.T7H8 F6N
Evaluation, Food service training, Inservice education, Learning, Motivation, Research, Retention, Testing, Work attitudes.
Abstract: This masters thesis purports to study the effect of attitudes on retention of learning and attitudes after food service training. Objectives were to (1) determine change in employee's attitude toward selected food service jobs, and (2) determine how attitudes affected long-term retention of learning.
- 1123-73
IMPROVING THE NONVERBAL DIMENSION OF COMMUNICATION: A COMPARISON OF THREE APPROACHES FOR TEACHER PREPARATION.
S. F. Pencazzio, W. J. Johnson
J Home Econ 63 (8): 602-603, ref. Nov 1971.
J21.4 J82
Communications, Home economics, Nonverbal communication, Teaching techniques.
Abstract: Non-verbal behavior of teacher and her perception of that of pupils affect quality of classroom discussion. Three methods to demonstrate and perceive nonverbal behaviors encouraging pupil interactions were tested.
- 1124-73
INFLUENCE OF NUTRITION EDUCATION ON FOURTH AND FIFTH GRADERS.
Mary Jean Baker
J Nutr Educ 4 (21): 55-58. Spring 1972.
TX341.J6
Diet improvement, Elementary education, Food habits, Nutrition education, Testing.
Abstract: This article describes in detail a nutrition education research program designed to evaluate the effects of a three-week teaching unit on fourth- and fifth-grade children. The rationale, the importance of setting objectives, the need for pre- and post-tests, selection of appropriate learning experiences, collection of data, and careful analysis and interpretation are discussed. Readers will find valuable guidelines for setting up other action or research programs in nutrition education.
- 1125-73
INNOVATIONS IN NUTRITION EDUCATION: PROGRAMS AND METHODS.
Marie S. Balsley
J Am Diet Assoc 51 (5): 529-531. Nov 1972.
389.8 A434
Educational games, Independent study, Medical education, Mental retardation, Nutrition education, Teacher education.
Abstract: Exposure of medical students to residents of a low-income area, training of professional persons in the "team approach" to mental retardation, a course taught entirely by self-instruction methods, and the use of a telephone line (Telenut) to teach nutrition to elementary teachers at scattered locations are some of the innovations in nutrition education programs and methods discussed in this report of a meeting of the Society for Nutrition Education.
- 1126-73
INNOVATIVE TECHNIQUES FOR TEACHING NUTRITION.
Hazel Taylor Spitz
J Nutr Educ 2 (4): 156-159. Spring 1971.
TX341.J6
Instructional materials, Nutrition education, Teaching methods, Teaching techniques, Workshops.
Abstract: Teaching and learning the science of nutrition can be exciting if the techniques lead students to discover for themselves the relationships and principles involved. The author describes a four-week workshop conducted at the University of Illinois for teachers to develop, learn, and become comfortable with new discovery methods and techniques.
- 1127-73
EDUCATION AND TRAINING FOR INDUSTRY - VOLUME 1: PROCEEDINGS, EDUCATION SYMPOSIUM, FIRST AND SECOND, MEMPHIS, MONTREAL, 1969.
Instrument Society of America
Gerald B. Peers
Pittsburgh, Pa. 111 p. 1971.
T62.127 F6N
Employment opportunities, Food processing, Higher education, Proceedings, Teacher education, Technology, Training, Vocational education, Work experience programs.
Abstract: This volume is a collection of practical writings, giving advice on subject matter and methodology for training industrial workers. Each group of essays deals with various aspects of training the worker, training the instructor, and training students in a campus situation.
- 1128-73
INTEGRATING NUTRITION EDUCATION INTO THE SCHOOL CURRICULUM.
Fannie Lee Boyd
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p. 230-235. July 12/23, 1971.
LB3479.USK3 F6N
Curriculum planning, Nutrition education, School food service.
Abstract: This paper concerns the integrating of nutrition education into the school curriculum. Five principles of learning are presented, and the school service director's responsibility for nutrition in the school curriculum is discussed. Suggestions are made for ways to assist teachers in fulfilling their role in nutrition education and for special events which can involve students.
- 1129-73
INTEGRATING NUTRITION INTO THE NURSING CURRICULUM.
Rebecca C. Troebhoff
J Nutr Educ 4 (2): 62-65. Spring 1972.
TX341.J6
Curriculum, Curriculum guides, Curriculum planning, Health, Health education, Nursing, Nutrition education, Vocational education.
Abstract: Better nutritional care in the community can be made possible through the improvement of educational programs in nursing. This article describes a five-year project that focuses on developing a meaningful nutrition component of nursing education. The objectives in the long term are to provide graduates with attitudes, skills, and practices to make nutrition an integral part of future comprehensive health care.
- 1130-73
INTERN DEVELOPS COOK-HELPER TEST.
G. Williams
Sch Foodserv J 26 (3): 65-66, 68-71. Mar 1972.
389.8 SCH6
Cook-helpers, School food service, Tests.
Abstract: Second in a series of reports from Milwaukee's new school-lunch-trained dietitians is this 100-question test for the prospective cook-helper.
- 1131-73
SCHOOL FOOD SERVICE MANAGEMENT: DAILY PROGRAM FOR SHORT COURSE I, JULY 11-16, 1971.
Iowa, Dept. of Public Instruction
Des Moines, Iowa 80 p. 1971.
TX945.1552
Breads, Educational programs, Food service management, Menu planning, Poultry, School breakfast, School food service, Vegetables.
Abstract: This workbook contains materials selected for use in training programs for school food service managers.
- 1132-73
SCHOOL FOOD SERVICE MANAGEMENT: DAILY PROGRAM FOR SHORT COURSE I, JULY 25-30, 1971.
Iowa, Dept. of Public Instruction
Des Moines, Iowa 97 p. 1971.
TX945.155 F6N
Educational programs, Food cost analysis, Food purchasing, Food service management, Menu planning, School breakfast, School food service, Type A lunch.
Abstract: This workbook contains materials selected for use in training programs for school food service managers.
- 1133-73
SCHOOL FOOD SERVICE MANAGEMENT, SHORT COURSE I: CURRICULUM GUIDE.
Iowa, Dept. of Public Instruction
Des Moines, Iowa 49 p. 1971.

1134-73

TX945.1553
Educational programs, Food purchasing, Food service management, Nutrition, Sanitation, School breakfast, School community relations, School food service, Teaching guides.
Abstract: This is a guide to the presentations given in the management training course. Objectives and activities are provided for each presentation.

1134-73

BASES FOR VOCATIONAL EDUCATION FOR FOOD SERVICE INDUSTRY EMPLOYEES.

Iowa State University of Science and Technology
Ames, Iowa 354 p. 1969.

TX911.5.155 F6N

Evaluation, Food quality, Food service training, Hospital food service, Institutional feeding, Job satisfaction, Research methodology, Restaurants, Vocational education.

Abstract: Some of the objectives of this research were to: (a) determine, in selected types of institution food service, characteristics of the institutions, food service operations, food service managers, and employees; conditions of employment, including hours, wages, fringe benefits, labor turnover, and employee training; desired characteristics and skills for employees in specific positions; and perceived training needs; (b) ascertain the attitudes of individuals toward employment in the food service industry; (c) study the effectiveness of training procedures and factors associated with the effectiveness of training; and (d) develop means for ascertaining the need for training and measuring the effect of training in terms of the success of the food service establishment in which the personnel are employed.

1135-73

IS THERE NEED FOR CHANGE? ROUND TABLE DISCUSSION.

J Nutr Educ 4(3) (suppl. 1): 147, Summer 1972.

TX341.J6

Curriculum planning, Higher education, Nutrition education.
Abstract: This article is the synopsis of a round table discussion on the future of nutrition education at the university level. The participants base their comments on a survey made of the present-day status of nutrition programs in higher education.

1136-73

IT CAN BE DONE.

Frances W. Dobbins

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p. 139-155, July 12/23, 1971.

LB3479.U5K3 F6N

Nutrition education, School food service, Teaching guides, Workshops.

Abstract: This paper discusses the challenge of nutrition education and the premise that to some degree everyone is an educator. The school food service program is considered as a living laboratory that can greatly enhance the total school program. A slide presentation on the "ways school food service can be involved in the total education process" is included. Also included are handouts relating to this presentation: these handouts cover guiding principles in nutrition teaching, how to change a school lunch program into an education program, a nutrition education workshop for teachers, a parent nutrition workshop, and outlines for nutrition education for children, ages 5-16.

1137-73

JOBS FOR YOU: IT'S HAPPENING IN HOME ECONOMICS (FILMSTRIP).

Guidance Associates

Pleasantville, N.Y., Guidance Associates 1 filmstrip, 114 fr., 35mm, color and phonotape cassette, 1972.

TX164.J6 F6N AV

Career choice, Career education, Food service occupations, Occupational choice, Occupational home economics.

Abstract: The purpose of this filmstrip program is to acquaint high school students with some of the job opportunities that are available to persons with a background or an interest in home economics. It deals specifically with opportunities in the hospitality industry, the textile and apparel industry, community services, and child care services, and not with professional home economics careers. The focus is on jobs that are open to young people upon graduation from high school, technical school, junior college, community college, or other post-secondary education programs. The sound track of the program is made up almost entirely of live interview statements by people holding jobs in each of the four home economics-related areas under consideration. These people describe the kind of work that is performed at entry level positions in their respective fields, as well as opportunities for advancement.

1138-73

TECHNIQUES OF MAIN DISH PREPARATION; TEACHER MANUAL, TYPE A MANUAL.

Kansas, Dept. of Education

Topeka, Kans. 123 p. 1968.

TX820.K322 F6N

Cooking techniques, Food preparation, quantity, Food service training, Inservice education, Main dishes, Recipes, Teaching guides, Type A lunch.

Abstract: This manual is from a course designed to teach Kansas food service managers to use effectively the USDA recipe card file, various types of equipment, and a menu planning book, and to improve work standards and the quality of main

dishes for school lunches.

1139-73

TECHNIQUES OF MAIN DISH PREPARATION; STUDENT MANUAL, TYPE A LUNCH.

Kansas, Dept. of Education

Topeka, Kans. 92 p. 1971.

TX820.K32 F6N

Cooking techniques, Food preparation, quantity, Food service training, Inservice education, Main dishes, Manuals, Recipes, Type A lunch.

Abstract: This manual is from a course designed to teach Kansas food service managers to use effectively the USDA recipe card file, various types of equipment, and a menu planning book, and to improve work standards and the quality of main dishes for school lunches.

1140-73

TECHNIQUES IN THE PREPARATION OF FRUITS AND VEGETABLES: MANUAL, TYPE A LUNCH.

Kansas, Dept. of Education

Topeka, Kans. unsp. 1971.

TX820.K3 F6N

Educational programs, Food preparation, Potatoes, Salads, Type A lunch, Vegetables.

Abstract: This program manual contains outlines, principles, tests, and activities to be utilized in a program on fruit and vegetable preparation.

1141-73

ANALYSIS OF TESTS USED TO EVALUATE A TRAINING PROGRAM FOR FOOD SERVICE PERSONNEL.

Ann Rose Kapaun

N.A. 144 p. 1970.

TX911.5.K3 F6N

Evaluation, Food service training, Inservice education, Research methodology, Testing, Vocational education.

Thesis (M.S.) - Iowa State University, facsimile by the University, Ames, Iowa.

Abstract: A research project was undertaken to study bases for vocational education for food service employees. A part of this project consisted of a training experiment designed to determine the effects of in-service training. The learning resulting from the training was evaluated using pre-test and post-test measurements. Purpose of present study was to analyze the items contained in the 11 subject-matter tests used in the training experiment. Specific objectives were to: (1) determine the relative difficulty and discriminating power of test items in the 11 subject-matter tests; (2) identify those items which can be incorporated into tests that are more satisfactory with respect of difficulty and discrimination; and (3) compare the relative effectiveness of six types of test items in testing food service employees with regard to difficulty, discriminating power, and reliability.

1142-73

FOOD TRAINING ROUTINES.

Kent State University, Food Services Dept.

Chicago, Institutions Magazine/Volume Feeding Management 50 p., illus. 1970.

TX663.K4 F6N

Coffee, Cooking instruction, Dishwashing, Food service training, Guides, Measurement, Salads, Sanitation.

Abstract: This booklet, developed in a training course at Kent State, provides basic procedural information about weights and measures, coffee making, salads, gelatin, grilled cheese sandwiches, ham loaf, lasagna, beef biscuit roll, the serving line, utility cleaning, and dish washing. This volume, and Food Training Routines II are also available in a combined volume.

1143-73

FOOD TRAINING ROUTINES II.

Kent State University, Food Services Dept.

Chicago, Institutions Magazine/Volume Feeding Management 52 p., illus. 1971.

TX663.K42 F6N

Cooking equipment (Large), Cooking equipment (Small), Cooking instruction, Cutlery, Food service training, Frying, deep fat, Grilling, Ovens, Steaming.

Abstract: This booklet provides basic procedural information on grills, deep fat frying, rotary ovens, convection ovens, steam jacketed kettles, compartmental steamers, small kitchen machines, and cutlery. Part two is also available in a combined volume with part one.

1144-73

THE KEY TO SURVIVAL AND GROWTH.

Frederick H. Antill

Cornell Hotel And Restaurant Admin Quarterly 12 (3): 69-75, Nov 1971.

TX901.C67

Career ladders, Food service management, Food service occupations, Food service training, Food service workers, Personnel management.

Abstract: Of the major industries in the U.S., the food service industry does one of the poorest jobs of employee development and retention. This is particularly distressing in view of the dependence of food service operations on people (rather than machines) for production and service. During an economic boom the excuse is that qualified help just isn't available. During an economic slowdown profits go down and so organizational

- ons say they can't afford training. The result is a vicious cycle that prevents the building of a professional employee organization. The few corporate executives and managers who fight this tendency and instead make training a productive management tool will be the ones who survive and be the food service leaders of the 70s.
- 1145-73**
KIDS RUN A RESTAURANT DRIVE-IN STYLE.
Nation's Schools 89 (4): 64. Apr 1972.
LB2804.N3
Food service training, Secondary education, Vocational education, Work experience programs.
Abstract: Snohomish, Wash., High School bought an abandoned donut shop and turned it into a combination drive-in restaurant and school store, run by students for students. Vocational students work in the store and drive-in two hours a day in addition to their usual class load. They receive useful experience and a free lunch.
- 1146-73**
A PRACTICAL GUIDE FOR SUPERVISORY TRAINING AND DEVELOPMENT.
Donald L Kirkpatrick
Reading, Mass., Addison-Wesley 14. p. 1971.
HF5549.TK3 F6N
Case studies, Job training, Personnel management, Supervisors, Vocational education.
Abstract: This book offers a pragmatic look at supervisory training and documents its discussion with case histories showing how supervisory programs and concepts of supervisory training are implemented. It provides practical help for line managers as well as personnel and training directors in small and large organizations. The principles, approaches, and techniques apply to industry, business, hospitals, and government. The book also includes a section on selecting and training potential foremen and supervisors and gives references for further study.
- 1147-73**
F5/L ENGLISH: LANGUAGE ORIENTED ACTIVITIES FOR FOOD/SERVICE LODGING STUDENTS.
Peter Klein, Julie Wilkinson
Chicago. Institutions/Volume Feeding Management Magazine 16D p. 1971.
TX911.2.L55 F6N
English instruction, Food service training, Secondary education, Workbooks.
Abstract: This workbook attempts, through its suggested activities, to provide settings whereby skill in writing letters of application and personal histories, filling out applications, using the telephone, communicating with the public, and writing publicity releases may be acquired. Other activities are designed to stimulate vocabulary improvement, and to help the student learn about foods and restaurant operations. The activities are connected by the framework of an incredible story about a boy and a girl who get jobs in a restaurant and are motivated by the owner to speak better, write better, and dress more neatly. They create a series of "theme" menus which are later published, with the royalties financing a honeymoon in Tahiti. In the end, the owner gives them the restaurant.
- 1148-73**
DEVELOPMENT OF AN INSTRUMENT TO EVALUATE THE EFFECT OF A SCHOOL LUNCH TRAINING PROGRAM.
Karelynn Krauf
M.A. 70 p. 1967.
TX943.9.T7C58 F5N
Curriculum planning, Evaluation, Food service training, Inservice education, Research methodology, School lunch programs, Testing.
Thesis (M.S.) - Iowa State University of Science and Technology, facsimile by the University, Ames, Iowa.
Abstract: This masters thesis describes the development and testing of an evaluative instrument to determine the effectiveness of school lunch training programs.
- 1149-73**
FOOD HANDLING AND FOOD SERVICE EXAMINATIONS: A STUDY GUIDE FOR CIVIL SERVICE.
Harry Walter Koch
Ken-Books 120 p. illus. 1963.
TX945.K6 F5N
Civil Service examinations, Food preparation, Food purchasing, Food service training, Nutrition, Safety, Sanitation, Storage, Study guides.
Abstract: Many people are employed under Civil Service in various positions that are concerned with the preparation and dispensing of food. People who desire such positions must usually pass written and oral examinations in order to qualify. These examinations are ordinarily concerned with the principles of food preparation and serving, general knowledge, and the applicant's general character, as judged from an oral interview. The purpose of this book is to help applicants pass the written and oral parts of these examinations. There are sections on food service work--in text, questions and answers; arithmetic and other matters of general knowledge; and on preparing for and passing written and oral examinations.
- 1150-73**
LET'S PLAY DETECTIVE.
J Plume
Sch Foodserv J 25 (3): 40. Mar 1972.
- 389.A SCH6**
Children, Instructional materials, Nutrition education, School lunch programs.
Abstract: A play, What is in that box, a comedy that helps reinforce learning about nutrition in the educational program.
- 1151-73**
THE LONG VIEW.
Margaret L Ross
J Am Diet Assoc 56 (4): 295-298. Apr 1970.
389.A AM34
Dietetics, Dietitians, Food supply, Inservice education, Professional education.
Extract: A look to the future for the profession of dietetics indicates that the pressures of the explosive population increase will require much more work in nutrition and dietetics than in the past. The world will need more dietitians and nutritionists in practice and in research, and they will need even better education and training, and more highly developed skills than they now have.
- 1152-73**
LUNCH-ROOM ETIQUETTE (MOTION PICTURE); SANDLER INSTITUTIONAL FILMS. DISTRIBUTED BY OXFORD FILMS, INC.
Sandler Institutional Films, Inc.
Los Angeles. Sandler Institutional Films 1 reel, 16mm, sd, col, 9 min. 1969.
TX691.L8 F6N AV
Elementary education, Etiquette, Food habits, Guidance, Hygiene, School lunch programs.
With study guide. Credits: Producer, Tom Fuchs and Allan Sandler; Director, Pat Shields.
Abstract: Rather than telling a child what behavior is appropriate in the lunchroom, this film allows him to see for himself. The camera documents a typical lunch period through the eyes of a boy named Ricky. The film deals with washing hands before eating; garbage and trash disposal; keeping track of lunch or milk money; regulating lunchroom noise levels; consideration of others; and other aspects of the lunch period regimen. The film shows the child that his lunchroom behavior affects his own and others' enjoyment of the noon meal.
- 1153-73**
EMPLOYEE TRAINING IN FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Robert F Lukowski, Charles E Eshbach
Amherst, Mass. 9 p. 1966.
TX911.9.M3 F6N (Massachusetts, University, Cooperative Extension Service. Food management leaflet 7)
Food service management, Food service workers, Inservice education, On the job training, Personnel.
Extract: This publication discusses the importance of employee training and emphasizes the principles that management needs in developing effective employee training programs. It is not a manual on how to train employees. It is a brief review of the significance of good employee training to the success of the business and an outline of what is essential for an effective employee program. It is designed primarily to call the importance of employee training to the attention of owners and managers of food service establishments.
- 1154-73**
THE MASTER OF SCIENCE PROGRAM IN NUTRITION.
J. Fred E Harner
J Nutr Educ 4(3) [suppl. 1]: 135-136. Summer 1972.
TX341.J6
Curriculum planning, Graduate study, Higher education, Nutrition education, Nutrition education.
Abstract: This article discusses two types of master's degree programs in nutrition--that leading to the Ph.D., and that which is a self-contained terminal degree. The former should concentrate on the biological sciences as a basis for further study. The latter should be flexible enough to permit nutrition training for social scientists, and training in the social sciences and nutrition for biologists.
- 1155-73**
THE MASTER'S PROGRAM IN PUBLIC HEALTH NUTRITION.
Orrea F Pye
J Nutr Educ 4(3) [suppl. 1]: 137-138. Summer 1972.
TX341.J6
Curriculum planning, Graduate study, Higher education, Nutrition education, Public health.
Abstract: It is essential that master's degree programs in public health nutrition prepare for the effective practitioners demanded in the application of new nutritional knowledge for human well-being and survival. This article outlines the basic ingredients of a master's course to reach such a goal. Guidelines will need continuous reappraisal for the future.
- 1156-73**
THE MESSAGE IS YOU.
Mack R Rowe
Audiovisual Instruction 16 (11): 53-65. Jan 1971.
LB1D43.A9
Audiovisual instruction, Conferences, Guidelines, Instructional materials, Planning, Teaching techniques.
Extract: This is the first part of a three-part article designed to help persons responsible for presentations at conferences and similar meetings. It is the purpose of this material to offer general assistance and to direct you to detailed information concerning specific matters relative to the planning

1157-73

Ing, preparation and successful utilization of visualized presentations. In general, we can divide the responsible people into three groups, each with specific tasks relative to the various phases in the planning, preparation and presentation of the final program. Accordingly, the material is divided into three major sections: the presenter; the producer; and the sponsor. This part covers the role of the presenter.

1157-73

THE MESSAGE IS Y3J - GUIDELINES FOR PREPARING PRESENTATIONS, PART THREE.

Audiovisual Instruction 16 (3): 103-112. Mar 1971.

LB1043.A9

Audiovisual Instruction, Conferences, Guidelines, Instructional materials, Planning, Teaching techniques.

Abstract: This is the third part of a three-part article designed to offer general assistance and direction to persons preparing presentations for conferences and other meetings. This part covers the role of the sponsor; the first two parts covered the presenter and the producer.

1158-73

THE MESSAGE IS Y3J, PART II.

Audiovisual Instruction 16 (2): 55-56. Feb 1971.

LB1043.A9

Audiovisual Instruction, Conferences, Guidelines, Instructional materials, Planning, Teaching techniques.

Abstract: This is the second part of a three-part article designed to offer general assistance and direction to persons preparing presentations for conferences and other meetings. This part emphasizes the physical preparation of presentation materials; the work of the producer. The other parts provide guidelines for the presenter and the sponsor.

1159-73

RETENTION OF LEARNING TWO YEARS AFTER AN EXPERIMENTAL TRAINING PROGRAM FOR FOOD SERVICE PERSONNEL.

Jean Nagge Miller

N.Y. 157 p. 1973.

TX743.5.L745 F64

Evaluation, Food service training, Inservice education, Learning, Research, Retention, Testing.

Abstract: This masters thesis purports to study the amount and kind of retention of learning two years after an experimental training program for food service personnel. Objectives of the study were to determine whether (1) learning retained was significant, (2) amount of learning forgotten was significant, (3) there were changes in ability to respond to problem-solving, (4) passage of time made a difference in ability to respond to math problems, (5) there were retention differences after concentrated training as opposed to training extended over a long period of time.

1160-73

MINORITY VIEW: DUMPING GROUND OR OPPORTUNITY?

John Zellino

Institute for Feeding 70 (6): 33-39. Mar 15, 1972.

TX822.L5

Employment opportunities, Food service occupations, Job placement, Minority groups.

Abstract: In this article, minority-group members of the food service industry speak out on power and authority, educational opportunities, language barriers, and job placement and advancement.

1161-73

FOOD SERVICE: INDIVIDUAL STUDY GUIDE.

Missouri, University, Dept. of Practical Arts and Vocational-technical Education, Instructional Materials Laboratory

Columbia, Mo. 131 p. May 1971.

TX945.M5 F64

Cafeterias, Commercial food service, Food service training, Food service workers, Restaurants.

Abstract: This self-study guide consists primarily of a collection of assignment sheets to be prepared in conjunction with a cooperative part-time training program. A section called 'An Analysis of the Food Service Industry' correlates the assignments with what the worker should know and what he should be able to do.

1162-73

TEACH NUTRITION WITH GAMES.

Montclair State College, Nutrition Education Service Center

Upper Montclair, N.J. 11 p. illus. Ind. 1.

LB1547.N445 F64

Activity learning, Educational games, Elementary education, Nutrition education, Secondary education.

Abstract: The games in this booklet were designed to help teach certain specific nutrition concepts. The learning objectives of each game is given, along with the rules and the appropriate grade level. The three concepts most commonly taught by the games are: that nutrition is the process by which the food you eat becomes you; that food is made up of certain chemical substances that work together and interact with body chemicals to serve the needs of the body; and that all persons, throughout life, have need for about the same nutrients, but in varying amounts.

1163-73

PREPARATION OF INEXPENSIVE TEACHING MATERIALS.

John F. Morlan

Scranton, Penn.: Chandler 103 p. illus. 1963.

LB3261.M6 F64

Audiovisual aids, Bibliographies, Demonstrations (Animal), Dramatic play, Instructional materials, Resource guides. Abstract: A common goal of teachers everywhere is to make lesson presentations vital and alive and lasting for their students. This goal can often be reached most effectively through the use of instructional materials and devices used as media. The contents of this manual are geared for teachers who have had little technical training in instructional-materials preparation. Processes and procedures lend themselves to cooperative planning and execution, involving both teacher and student, and some of the materials preparation can be done independently. Many of the preparation processes can be accomplished without special materials and equipment, and can be completed with little expense. Although the main addresses of manufacturers are given in the "Materials Sources" sections throughout the book, many of the needed materials can be purchased from local agencies or dealers.

1164-73

INTRODUCTORY FOODS: A LABORATORY MANUAL OF FOOD PREPARATION AND EVALUATION.

Mary L. Herr, Theodore F. Irtler

New York: Macmillan 294 p. 1970.

TX663.M6 F64

Cooking instruction, Food preparation, Manuals, Palatability ratings.

Abstract: This laboratory manual has evolved through the teaching of a basic course in food preparation at Highgate State University. In it the students work with all manner of foods and methods. It is the authors' philosophy that students have more interest in a food preparation course when they have the opportunity to prepare products they will evaluate. The material included in this manual has been selected because it illustrates the chemical and physical principles governing the preparation of food products in the home, in a restaurant, or in a factory. The teaching of skills is subordinated to the understanding of principles. Emphasis is placed on the recognition and evaluation of the quality of the food products that have been prepared.

1165-73

THE ART OF LISTENING: A GUIDE TO MORE EFFECTIVE AURAL COMMUNICATION.

Jud Morris

Boonton, Cahners Books 230 p. illus. 1971.

HF5549.5.C6M6 F64

Communication skills, Management, Personnel, Teaching techniques.

Abstract: The author expounds his theory that the main cause of the ineffectiveness of most business meetings and conferences is "our almost universal failure to listen on the understanding level". This text defines and explains the ten major blocks to effective listening and outlines a self-improvement program to increase listening effectiveness.

1166-73

A STUDY OF THE EDUCATIONAL ASPECTS OF THE SCHOOL LUNCH PROGRAM IN SOUTH CAROLINA.

Beecher E. Merton

N.Y. 199 p. 1960.

LB3475.M6 F64

Educational administration, Evaluation, Integrated curriculum, Nutrition education, Performance criteria, Research, School lunch programs, South Carolina.

Thesis (Ed.D.) - George Peabody College for Teachers, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.

Abstract: This doctoral thesis studies the extent to which the school lunch program in South Carolina was an integral part of the total education program. Criteria for an educationally effective school lunch program was compared with current practices in school lunch programs throughout the state. The author concludes that South Carolina schools were not making the school lunch program an integral part of the total school education plan.

1167-73

WHAT WILL I BE FROM A TO Z.

National Dairy Council

Donald L. Golb

Chicago, Ill. 32 p. illus. 1971.

HF5381.N3 F64

Career choice, Career education, Children, Elementary education, Health education, Nutrition education.

Abstract: This little book contains verses describing one career from each of the letters of the alphabet, from "airplane pilot" to "zee keeper", with a few extra rhymes about nutrition, health, and personality.

1168-73

ANIMAL FEEDING DEMONSTRATIONS FOR THE CLASSROOM.

National Dairy Council

Chicago, Ill. 14 p. 1969.

LB1567.N6M3 F64

Activity learning, Demonstrations (Animal), Nutrition education.

Abstract: Tested procedures are suggested here for carrying out rat feeding demonstrations with pupils in fifth grade through high school. The demonstrations are designed to help boys and girls realize the need for a well-chosen diet.

1109-73

TECHNIQUES FOR EFFECTIVE TEACHING.

National Education Association of the United States, Dept. of Home Economics
Geraldine Hastings, Ann Schultz
Washington 45 p. 1963.
LB1045.N3 F6N
Audiovisual instruction, Case studies, Discussion (teaching technique), Dramatic play, Educational games, Individualized instruction, Teaching methods, Teaching techniques.
Abstract: Effective teaching techniques have many uses. Some give specific information that is not generally found in reference books. Others serve to illustrate certain processes and skills or to stimulate interest along new lines of thought. Some encourage the development of creative ability or provide experience not easily secured any other way. In considering which techniques to select, the teacher will need to understand the values a particular technique possesses, how the technique operates, and where it can be used to good advantage. This is the kind of information found in this bulletin. It has been collected from many sources and is organized for easy reference here.

1170-73

THIS IS YOUR PASSBOOK FOR FOOD SERVICE WORKERS; CITY, STATE, FEDERAL.

National Learning Corporation
Brooklyn, N.Y. various pagination. 1972.
TX945.N3 F6N
Civil service examinations, Food service workers, Study guides.
Abstract: This self-study guide consists of sample questions—with answers—similar to those asked on civil service examinations for food service workers. Six sample tests are included.

1171-73

YEAR-ROUND SCHOOL: DISTRICTS DEVELOP SUCCESSFUL PROGRAMS.

National School Public Relations Association
Washington, D.C. 64 p. 1971.
LC143.N3 F6N
Case studies, Educational planning, Year round schools.
Abstract: One of the most controversial issues in education is the establishment of year-around public school operations. This booklet presents the pros and cons of the issue, case studies of actual full-year school systems, and possible alternatives to year-long schools.

1172-73

NEW DIRECTIONS IN COMMUNITY JUNIOR COLLEGE PROGRAMS - NEW STUDENTS; NEW FACULTY.

Kenneth G Skaggs
J Am Diet Assoc 51 (1): 30-33. Jul 1972.
389.6 A934
College students, Curriculum planning, Educational planning, Educational programs, Educational resources, Junior colleges, Nutrition education, Vocational education.
Abstract: This article describes the modern-day junior college student and how his goals differ from those of students a generation or two ago. The author suggests that new curricula must be planned to meet the needs of students and to account for the burgeoning mass of new knowledge that is continually being uncovered in all fields, but especially in the field of nutrition.

1173-73

A NEW HORIZON: CAREERS IN SCHOOL FOOD SERVICE (FILMSTRIP).

Guidance Associates
Pleasantville, N.Y., Guidance Associates 1 filmstrip, 70 Fr., 35mm, col and phonotape cassette. [n.p.].
TX943.N4 F6N AV
Career choice, Career education, Food service management, Food service occupations, Integrated curriculum, Nutrition education, School food service.
Also contains phonodisc: 33 1/3 rpm m/o.
Abstract: In this filmstrip, school food service managers and prospective managers describe their work, how the school lunch program can be an educational experience for students, and what training is needed to become a school food service manager.

1174-73

FOOD SERVICE; TEACHERS GUIDE.

New Jersey, Dept. of Education, Vocational Division
Berbere K Furness
N.J., Rutgers, Curriculum Laboratory 120 p. illus. [n.d.].
TX943.FA F6N
Diet education, Equipment, Food preparation, Food service training, Kitchens, Portion control, Safety, Teaching guides, Vocational education.
Abstract: This guide has been prepared as an aid to the teacher in using the student manual entitled Food Service the lessons in the teacher's guide correspond in each case to those in the student manual. The teacher's guide lists the key points of each lesson and explains why these points are important. The teacher's guide is meant to broaden the teacher's knowledge of the subject under discussion. Several class activities are also given for each lesson. The type of food service and the abilities of the students will determine what and how many class activities are to be performed. Throughout the guide, visual aids and references are given. Complete lists of visual aids, references, equipment, and a set of masters for

transparencies appear in the back of this book.

1175-73

COMMERCIAL FOODS; MATHEMATICS I.

New Jersey, Dept. of Education, Vocational Division
Blanche Dornfield, Burr D Coe
New Brunswick, N.J., Rutgers, the State University, Vocational-Technical Curriculum Laboratory 136 p. [n.d.].
HF1121.N4 F6N
Accounting, Food cost analysis, Food service training, Mathematics, Measurement, Recordkeeping, Vocational education.
Abstract: This workbook is divided into six units: whole numbers, fractions, decimals, percentages, measurements, and accounts. Each unit includes an objective, related information, procedure, and an assignment. Throughout, the use of the arithmetic skills is related to particular, practical food service problems.

1176-73

HOW TO PURCHASE FOR SCHOOL LUNCH; COURSE 5.

New Mexico, Dept. of Education
Santo Fe, N.M. 102 p. [n.d.].
TX911.3.P8N422 F6N
Food cost analysis, Food purchasing, Food service training, Inservice courses, Instructional materials, New Mexico, School lunch programs, Workbooks.
Abstract: This program manual is from an introductory course on food purchasing for school lunch personnel. The emphasis is on planning food needs in advance so that the best possible food can be served at the lowest possible cost.

1177-73

HOW TO PURCHASE FOR SCHOOL LUNCH; TEACHERS' GUIDE, COURSE 5.

New Mexico, Dept. of Education
Santo Fe, N.M. 29 p. [n.d.].
TX911.3.P8N42 F6N
Food cost analysis, Food purchasing, Food service training, School lunch programs, Teaching guides.
Abstract: This guide presents the objectives to be attained and the procedures and teaching aids to be utilized in teaching a course on food purchasing for school lunch personnel.

1178-73

MENU PLANNING FOR SCHOOL LUNCH, AUGUST 11-14, 1969; TEACHER'S GUIDE.

New Mexico, Dept. of Education
Santo Fe, N.M. 57 p. 1969.
TX728.N42
Educational programs, Food purchasing, Food service training, Menu planning, School lunch programs, Standardized recipes, Teaching guides, Type A lunch.
Abstract: This teacher's guide sets forth the objectives and procedures, for each unit of a menu planning course for school food service employees. Reference tables and sample forms are included.

1179-73

NEW PROFESSIONALS TO THE RESCUE.

T J Farley
Sch Lunch J 25 (7): 22-24. 27. Jul/Aug 1971.
389.6 SCH6
Budgeting, Dietitians, Equipment, Food service management, Food service occupations, Foods, Menu planning, Nutrition education, School food service supervisors.
Abstract: Milwaukee's new program, American Dietetic Association's newest internship, School Food Service Administration, accepts four top-notch college graduates from four states, who have majored in food and nutrition. It starts them through a ten-month training course in the school lunch program, under professors teaching a fifth year of college in this course with the 150 school lunch programs as their laboratory.

1180-73

A FOOD SERVICE SUPERVISOR'S COURSE ON A COLLEGE CAMPUS: PROGRAM MANUAL.

New York (State), Dept. of Social Services
Albany, N.Y. 102 p. [n.d.].
TX943.N4 F6N
Curriculum planning, Educational programs, Food service management, History, Inservice education, Teaching guides.
Extract: The information in this manual is the summary of the demonstration course for employed food service supervisors and cook managers conducted at the State University of New York, Agricultural and Technical College, Cuba Skill, New York. Presented here is the history, content and methods used to organize and implement the demonstration course. Hopefully, this manual will serve as a guide to others who are interested in establishing an approved training course for food service supervisors.

1181-73

GUIDE FOR TRAINING SCHOOL LUNCH PERSONNEL.

New York (State), Education Dept.
Albany, N.Y. 109 p. 1965.
L83475.N4 F6N
Food cost analysis, Food preparation, quantity, Food service management, Food service training, Menu planning, Program planning, School lunch programs, Teaching guides, Vocational education.
Abstract: This guide was prepared to assist school lunch leaders in planning effective local training programs for food service employees. The contents include: (1) planning for

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PAGE 97

1102-73

inservice training, (2) suggested topics for training, and (3) an effective use of a variety of methods and resources in training adults.

1102-73

SOME ASPECTS OF AN EXPERIMENTAL TRAINING PROGRAM FOR FOOD SERVICE PERSONNEL.
Jack Douglas Ninoefer
M.p. 110 p. 1968.
TX943.5.T7M5 F6N
Evaluation, Food service training, Inservice education, Research methodology, Testing.
Thesis (M.S.) - Iowa State University, facsimile by the University, Ames, Iowa.
Abstract: This master's thesis purports to study the over-all effects of an experimental training program for food service personnel. The author concludes that trainees with high intelligence test scores do better on tests given after training. He also concludes that trainees with high aptitude scores gained more knowledge from the training than those with low aptitude scores.

3

1103-73

FOOD PREPARATION SPECIALIST: A SUGGESTED 1 YEAR CURRICULUM.
North Carolina, Dept. of Community Colleges
Raleigh, N.C. 133 p. 1970.
TX661.M6 F6N
Career ladders, College curriculum, Curriculum guides, Curriculum planning, Facilities planning and layout, Food preparation, quantity, Food service training, Vocational education, Work experience programs.
Extract: This curriculum has been designed for training of students in the art and science of quantity food preparation with particular emphasis on institutional food service. Using a career ladder concept, it is an open-ended curriculum which will allow the student some flexibility in his training.

1104-73

FOOD SERVICE MANAGEMENT: A SUGGESTED 2 YEAR CURRICULUM.
North Carolina, Dept. of Community Colleges
Raleigh, N.C. 107 p. 1970.
TX943.M6 F6N
Bibliographies, Curriculum planning, Facilities planning and layout, Food service management, Food service training, Personnel, Vocational education.
Extract: This curriculum has been developed for the training of students on the supervisory of "middle management" level in food service with particular emphasis on institutional food service. The first year of the curriculum will give the student a foundation in the art and science of food preparation techniques, and the second year will offer him the opportunity to develop skills in management techniques and the supervision of personnel.

1105-73

FOOD PROCUREMENT FOR SCHOOL FOOD SERVICE: INSTRUCTOR'S GUIDE.
North Carolina, Dept. of Public Instruction
Raleigh, N.C. 111 p. 1970.
TX911.3.P8V6 F6N
Food cost analysis, Food purchasing, Food service training, School food service, Storage, Teaching guides.
Abstract: This guide is one of a series of basic course outlines for use in training school lunch personnel on a uniform, state-wide basis. The objectives, presentation, and a list of references are provided for each lesson.

1106-73

AN OVERVIEW OF SCHOOL FOOD SERVICE: INSTRUCTOR'S GUIDE.
North Carolina, Dept. of Public Instruction
Raleigh, N.C. 157 p. [n.d.].
TX945.M62 F6N
Food preparation, quantity, Food purchasing, Food service training, Menu planning, Nutrition, Sanitation, School food service, Storage, Teaching guides.
Extract: "An Overview of School Food Service" is the first in a series of basic course outlines for use in training school food service personnel on a uniform, state-wide basis. This orientation course is designed to give an overall view of the many varied phases of the work.

1107-73

NOTES FOR A NOVICE INSTRUCTOR.
Patrick F. Suessmuth, Merit Stengels
Training in Business and Industry 9 (11): 52-53, Nov 1972.
HF1101.T7
Teacher education, Teaching methods, Training.
Abstract: The essentials of good instruction are few, and they are not hard for the intelligent adult to grasp. But because they rise from recent research and bear almost no resemblance at all to the instruction that we grew up with, they are mostly ignored. This article outlines good teaching practice from the ground up.

1108-73

TRAINING YOURSELF FOR FOOD SERVICE.
William Nuerga
Minneapolis, Restaurant-Hotel Aide, Inc. und. 1965.
TX943.5.T7M82 F6N
Food service training, Study guides, Work simplification.
Abstract: This booklet is designed to teach proper food service techniques to waiters, waitresses, busboys, counter workers, fast-order cooks, and others. Photographs of improper and

correct procedures are first studied and then a question or incomplete statement about the photo must be answered or completed.

1109-73

TRAINING GUIDE.
William Nuerga
Minneapolis, Restaurant-Hotel Aide, Inc. 10 p. 1966.
TX943.5.T7M8 F6N
Evaluation, Food service training, Job placement, Personnel management, Recruitment, Testing.
Abstract: Included in this training program are the materials, forms, and methods needed by a food service manager to hire, train, and evaluate his customer service staff. The program was prepared to fit most fast-food operations.

1190-73

NUTRITION AND COMMUNICATION.
James D. Beck
In Proceedings of the Nutrition Education Seminar,
Florida Agricultural and Mechanical Univ., 1971 p 61-63.
July 10/20, 1971.
LB3479.U5 F6N
Communication skills, Models, Nutrition education.
Abstract: This paper discusses the factors involved in effective communication. A model called the Jahari Window which illustrates how each person might be viewed as functioning in his relationship to others is presented.

1191-73

NUTRITION EDUCATION IN THE FUNNY PAPERS.
Gerhard S. Shoren
Nutr Today 7 (3): 24-26, May/June 1972.
RA784.M8
Communications, Diet improvement, Educational programs, Educational resources, Food habits, Instructional materials, Nutrition education.
Abstract: This article describes the creation and impact of a syndicated comic strip, entitled "Our New Age," that appears in the funny papers. The strip provides nutrition information to people while they are in a receptive and "silly" mood, making it more likely to be accepted. The greater part of the article tells about the strip's originator, Atholston Smithaus, and his innovative ideas in a number of fields.

1192-73

NUTRITION EDUCATION OF PHYSICIANS - FIVE COMMENTARIES.
Philip R. Lee
Nutr Today 7 (5): 24-26, Sept/Oct 1972.
RA784.M8
Curriculum planning, Educational planning, Educational programs, Medical education, Nutrition education.
Abstract: In this article four educators in medicine and related sciences and a nutritionist state their views on the report of the Williamsburg Conference on Nutrition Education in Medical Schools in which guidelines for nutrition courses for medical students were established.

1193-73

NUTRITION EDUCATION SURVEY: PRELIMINARY RESULTS.
Olef Nickelsen
J Nutr Educ 4(3) [suppl. 1]: 146, Summer 1972.
TX341.J6
Higher education, Nutrition education, Surveys.
Abstract: In January, 1972, questionnaires were mailed to 410 departments at universities and colleges in the United States. The questionnaire sought information about (1) educational backgrounds of graduate students in nutrition, (2) requirements needed for a degree in nutrition, and (3) the kinds of positions the students go into upon completion of training. This article details the results of that survey.

1194-73

NUTRITION EDUCATION THROUGH THE MASS MEDIA IN KOREA.
Margot Higgins, Joel McIntague
J Nutr Educ 4 (2): 50-62, Spring 1972.
TX341.J6
CARE, Communications, Food habits, Instructional materials, Korea, Media selection, Nutrition education, Resistance to change.
Abstract: The CARE organization has maintained active interest in efforts to improve the nutritional status of the Korean population, especially that of mothers and children. This article describes how radio spot announcements, a printed nutrition calendar, and a comic book were used to reach the Korean people via the mass media during a nationwide government program in nutrition education. The people most effectively reached by the program were the young, educated, middle-class city dwellers. The elderly and the rural population were much less able or willing to alter their diets, even when such alteration was proved to be beneficial.

1195-73

NUTRITION EDUCATION: RESOURCES AVAILABLE FOR THE SCHOOL FOOD SERVICE SUPERVISOR (A PANEL DISCUSSION).
Sara Clement, Helen A. Guthrie, Twyla Shear
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 66-74.
July 12/24, 1971.
LB3479.U5P4 F6N
Food service management, Nutrition education, Resource guides.
Abstract: The purpose of this panel presentation was to provide

- ide sealar Participants with nutrition education resource materials and techniques they might use in implementing future workshops for their management level people. Resources presented include specified books and journals and materials available from nutrition-related trade organizations, professional groups and the U.S. Government. Techniques presented include Instructional Objectives Exchange (IOX) and the learning package.
- 1196-73
NUTRITION EDUCATION: SELECTING AND ORGANIZING MATERIAL FOR DIFFERENT AGE GROUPS.
Fannie Lee Boyd
In Proceedings of the Southwest Region School Food Services Seminar, (Kansas State Univ., 1971) p 244-266. July 12/23, 1971. LB3479.USK3 F6N
Age groups, Nutrition education, Student participation.
Abstract: This paper discusses the selecting and organizing of materials for nutrition education for different age groups. The objectives for each grade level are presented. Also included are the Basic Concepts for Nutrition Education developed by the Interagency Committee on Nutrition Education, the suggestions for programs and a listing of student nutrition committee projects from the Georgia Teenage Nutrition Committee, and suggestions for activities "from classroom to cafeteria".
- 1197-73
NUTRITION IMPLEMENTATION PROGRAMS AS COMMUNICATION SYSTEMS.
Andreas Fugelsang
J Nutr Educ 4 (1): 16-18. Winter 1972.
TX341.J5
Administration policies, Communications, Developing nations, Models, Nutrition education, Legislation.
Abstract: In developing countries, nutrition implementation programs are often poorly planned, with overemphasis on surveys and data collection. This article presents a mathematical model that describes an implementation program as a communication system. This model, it is hoped, could help to identify and solve many practical problems.
- 1198-73
NUTRITION KNOWLEDGE AND ATTITUDES OF EARLY ELEMENTARY TEACHERS.
Mary E Peterson, Constance Kies
J Nutr Educ 4 (1): 11-15. Winter 1972.
TX341.J5
Attitudes, Elementary education, Nutrition education, Statistical data, Teacher education.
Abstract: Nutrition knowledge and attitudes of 910 early elementary classroom teachers in the state of Nebraska, teaching in kindergarten through the third grade, have been defined. Overall nutrition knowledge scores are low. Teachers tended to score higher on items of a general nature but tended to miss those related to food composition. Simple linear correlations showed little relationship between knowledge scores and attitudes. This lack of relationship indicates that attitudes toward teaching nutrition are not affected by the extent of the elementary school teacher's nutrition knowledge. If attitudes are to be an important factor in changing behavioral patterns in relation to food consumption, traditional means of preparation nutrition instruction for classroom teachers must be reexamined. Innovative programs need to be developed to bring about more effective integrated classroom teaching.
- 1199-73
OHIO TRAINING RESEARCHES.
Sch Foodserv J 25 (10): 72-73. Nov/Dec 1972.
389.4 SC46
Costs, Food service supervisors, Food service workers, Labor force, Research, Training.
Abstract: This research program attempted to answer two questions: 1. What are the types of training programs that have been used to increase the knowledge and skills of supervisory school food service personnel? 2. Is there a relationship between better training procedures and lower labor costs?
- 1200-73
OKLAHOMA SCHOOL LUNCH HANDBOOK.
Oklahoma, Dept. of Education, School Lunch Division
Oklahoma City, Okla. 254 p. 1970.
LB3473.039 F6N
Facilities planning and layout, Food cost analysis, Food preparation and distribution systems, Food purchasing, Food service management, Menu planning, Nutrition, Recipes, School lunch programs.
Revised.
Abstract: This handbook contains information on virtually all aspects of school feeding.
- 1201-73
MANAGEMENT I.
Oklahoma, Dept. of Education, School Lunch Division
Oklahoma City, Okla. 25 p. 1969.
TX945.039 F6N
Educational programs, Facilities planning and layout, Food cost analysis, Food purchasing, Food service management, Inservice education, Menu planning, School lunch programs, Work simplification.
Revised.
Abstract: This outline was prepared for students in a thirty-five hour training course in management practices. The goals of the course were to help the manager to understand her role in the total program, and to help her learn how to use the tools available to her in reaching maximum efficiency in all phases of the school lunch program.
- 1202-73
OKLAHOMA SCHOOL LUNCH COURSE OF STUDY; TEACHING OUTLINES.
Oklahoma, Dept. of Education, School Lunch Division
Oklahoma City, Okla. 263 p. 1971.
TX945.0392
Baking, Breads, Desserts, Food preparation, quantity, Food service management, Inservice education, School lunch programs, Teaching guides, Vegetables.
Revised.
Abstract: This is a bound collection of six teaching outlines used in the Oklahoma school lunch course of study. The six outlines are "Baking breads", "Main Dish", "Salads and Vegetables", "Desserts", "Management I", and "Basic Course".
- 1203-73
OKLAHOMA SCHOOL LUNCH DESSERTS; TRAINING OUTLINE.
Oklahoma, Dept. of Education, School Lunch Division
Oklahoma City, Okla. 54 p. 1969.
TX773.039 F6N
Batters and doughs, Cakes, Desserts, Food preparation, quantity, Gelatin, Inservice education, School food service.
Revised.
Abstract: The desserts course of study for the Oklahoma School Lunch Program has been developed for use in teaching a 40 hour (five sessions) training course in the principles of dessert preparation.
- 1204-73
AN OLD STANDBY THAT STILL WORKS.
James H McCormick
Training And Dev J 26 (10): 3-7. Oct 1972.
LC1041.T7
Evaluation, Job training, On the job training, Performance criteria, Supervision, Training, Vocational education, Workshops.
Abstract: Abbot Laboratories revived and conducted a course in job instruction training for production line supervisors and "found it highly effective in producing tangible, dollar-valued results in work areas." Besides the 4 basic steps of job instruction (prepare learner, present task, test learner's performance, and followup), the course was expanded to include (1) analysis of training needs, (2) job breakdowns, (3) employee performance measurements, (4) stating training objectives, (5) planning training programs, and (6) measuring the scope and depth of training problems.
- 1205-73
OPEN FORUM.
Cliff A Ford
In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 95-101. July 18/24, 1971.
LB3479.US F6N
Instructional aids.
Abstract: This paper presents an extensive outline covering the factors to be considered in preparing an effective bulletin board, and the purposes for, criteria for preparation of, guidelines for use of and appraisal of instructional aids.
- 1206-73
CURRICULUM GUIDE FOR FOOD SERVICE OCCUPATIONS.
Oregon, Board of Education
Salem, Ore. 163 p. 1970.
TX943.5.T707 F6N
Curriculum guides, Food service training, Secondary education, Teaching methods, Vocational education.
Abstract: Oregon is embarking on a new approach to secondary education that will affect general as well as vocational programs. "The Oregon Way" is based upon two assumptions: (1) secondary schools should be preparatory institutions for all students, not just those headed for college. (2) A "preparatory" program ties the curriculum to the lives of students in such a way that they are better equipped to choose their future goals and better equipped to take the next step (different for every student) in each of several concurrent "careers" they will need to pursue upon leaving high school.
- 1207-73
BASIC MENU PLANNING; INSTRUCTOR'S GUIDE.
Oregon, Dept. of Education
Salem, Ore. 50 p. 1962.
TX724.072 F6N (School lunch personnel training program)
Menu planning, Nutrition, School lunch programs, Teaching guides, Type A lunch.
Abstract: This guide in Basic Menu Planning is intended to help the participant develop an understanding and appreciation of the Type A lunch requirements and their relation to good nutrition, and acquire skill in planning attractive nutritious lunches that will meet Type A requirements. It is implemented by an Instructors Guide and a Student Workbook. The Instructors Guide is designed to provide assistance in presenting the course. The Guide includes suggested teaching aids for each lesson as well as references of resource materials.
- 1208-73
BASIC MENU PLANNING; STUDENT WORKBOOK.
Oregon, Dept. of Education
Salem, Ore. 97 p. 1962.

PAGE 99

1209-73

TX726.07 F64 (School lunch personnel training program)
Menu planning, Nutrition, School lunch programs, Type A lunch.
Abstract: To provide attractive, good tasting, well-balanced lunches at a price the children can afford to pay requires skill in planning and management. As the school lunch program grows in size it becomes increasingly important that the highest standards are maintained in terms of nutrition, food preparation and service, sanitation, and business management. The Workbook in Basic Menu Planning has been developed with the idea of permitting practical application of the information to every day situations. Emphasis has been given to increasing the participants knowledge in nutritional values and acceptable food service as well as to tools and methods to be used in planning.

1209-73

OUR FUTURE IS YOU (MOTION PICTURE); PRODUCED AND DISTRIBUTED BY AMERICAN SCHOOL FOOD SERVICE ASSOCIATION.
American School Food Service Association
Aurora, Colo., CVD Studios 1 reel, 16mm, sd, col, 10 min. (Ind.).
TX945.5.S3509 F64 AV
Administration offices, American School Food Service Association, Conferences, National School Lunch Program, Organization, Publications, School food service.
Abstract: This motion picture is sponsored by the American School Food Service Association. Its purpose is to inform people about the work of AFSFA and the services it offers in terms of (1) education of food service personnel, (2) lobbying for better school food service through legislation, and (3) communication of ideas and innovations to and from food service people throughout the country.

1210-73

PARTICIPANT REACTION DISCUSSION GROUPS.
In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 156-160. July 1972, 1971.
LC3479.U5 F64
Group dynamics.
Abstract: One of the features of the seminar was to have participant reaction discussion groups following selected presentations. Presentations of the highlights of 9 of these discussions are included.

1211-73

A PARTNERSHIP IN EVALUATION - A CASE STUDY IN EVALUATION OF A MANAGERIAL TRAINING PROGRAM.
Stanley Goldstein, James Gorman, Blanchard B Smith
Training And Dev J 27 (4): 10-14, Apr 1973.
LC1041.T7
Educational progress, Evaluation, Management education, Personnel management, Training.
Abstract: When management decides to reorganize, improve, or cut back its company training programs, evaluative information is needed on the success or failure of particular courses. In this article, the authors describe a training program evaluation method devised for the NASA Manned Spacecraft Center.

1212-73

CURRICULUM GUIDE FOR FOOD SERVICE INSTRUCTIONAL PROGRAMS IN PENNSYLVANIA.
Pennsylvania, Dept. of Public Instruction, Bureau of Vocational, Technical, And Continuing Education
Harrisburg, Pa. 44 p. 1967.
TX943.P4 F64
Curriculum planning, Equipment, Facilities planning and layout, Food service training, Resource guides, Vocational education.
Abstract: The purpose of this bulletin is to provide guidelines for local school districts to use in developing educational programs to prepare students for employment in the food service industry. These materials have been developed so that they can serve equally for programs in the comprehensive high school or in the area technical school. A key concept of home economics is foods and nutrition. This emergent program utilizes experiences and knowledge relevant to this subject matter concept.

1213-73

PLANNING TRAINING ACTIVITY.
Michael E Gordon
Training And Dev J 27 (1): 3-6, Jan 1973.
LC1041.T7
Educational planning, Instructional materials, Job training, Personnel management, Training.
Abstract: The payoff derived by a company from its investment in training depends in large measure on the soundness of the plans used to develop or purchase instructional products and programs. The purpose of this article is to discuss an approach to acquiring information on which to base decisions about the course of action an organization should pursue in developing new training products or revising old instructional materials. Assessment of current and future training needs is also discussed.

1214-73

PREDICTION OF STUDENT PERFORMANCE THROUGH PRETESTING IN FOOD AND NUTRITION.
B R Lawrence
J Home Econ 63 (1): 41-44, Jan 1971.
321.8 J82

Academic performance, Foods instruction, Nutrition education, Predictive ability (Testing), Pretesting, Teaching techniques.
Abstract: Best pretest combined the pretest raw score with Scholastic Aptitude Test scores. Study compared home economics majors with nonmajors. This finding has implication for structuring tests of any type if the test is to discriminate between high and low achievers.

1215-73

PROBLEMS AND PROGRESS IN NUTRITION EDUCATION.
Heroca L Simola
J Am Diet Assoc 59 (1): 18-21, Jul 1971.
369.8 AM34
Behavior change, Educational planning, Food habits, Nutrition education, Research methodology, Surveys.
Abstract: To be effective, nutrition education must motivate people to adopt food habits that will enable them to achieve adequate nutrition. Innovative educational programs that will be accepted and followed are a major need. Current studies involving a socio-cultural approach should produce information helpful in solving these problems. Some of these studies are discussed in this report.

1216-73

PROCEDURE FOR DEVELOPING, SUBMITTING AND EVALUATING INDIVIDUAL PROJECTS.
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 67-104 July 1970, 1971.
LB3479.U545 F64
Education, Evaluation, Management, Nutrition education.
Abstract: Each seminar registrant was responsible for developing an individual project involving nutrition education and the related management processes. The implementation of each project was to be carried out at a subsequent time in the participant's own school, community, district or state. Final project reports were returned to faculty advisors for evaluation upon completion of the projects. An outline for the proper preparation of the project reports, and 50 completed project reports are included.

1217-73

PROCEEDINGS OF A SYMPOSIUM: NUTRITION EDUCATION AT THE UNDERGRADUATE AND MASTER'S DEGREE LEVEL.
Society for Nutrition Education
J Nutr Educ 4(3) [suppl. 1]: 126-147, Summer 1972.
TX341.J6
Cellages, Curriculum planning, Higher education, Nutrition education, Proceedings, Universities.
Abstract: This supplement to the Journal of Nutrition Education contains articles on education programs in nutritional science, dietetics, and public health nutrition for undergraduates. Graduate programs in nutritional science and public health nutrition are discussed, along with teaching nutrition in medical school and continuing education programs in nutrition. A round table discussion presents ideas for needed change in present-day nutrition education programs in schools of higher education.

1218-73

PROGRAMMED INSTRUCTION IN BASIC NUTRITION FOR COLLEGE STUDENTS.
Denna Dells Studdiford, Helen A Guthrie
J Nutr Educ 4 (1): 23-26, Winter 1972.
TX341.J6
Evaluation, Higher education, Nutrition education, Programmed instruction, Teaching methods.
Abstract: Students in a basic college course in nutrition were paired on selected criteria of age, sex, curriculum and term standing, and randomly assigned to one of two groups. One group was instructed by the conventional lecture method, and the other group used programmed instruction materials as a supplement to conventional instruction. Although total study time was not reduced, learning--as assessed by test scores--and retention--as assessed by a score on a post-test--were higher by the group using programmed materials. Students' reactions were favorable to programmed instruction.

1219-73

PROGRAMMED INSTRUCTION IN NUTRITION FOR COLLEGIATE NURSING STUDENTS.
Min-Hsien Y Kiang
J Am Diet Assoc 57 (5): 423-427, Nov 1970.
369.8 AM34
College programs, Nursing, Nutrition education, Programmed instruction.
Abstract: This study found that students in a five-year baccalaureate nursing program who received programmed instruction in basic nutrition achieved a significantly higher score than a group of comparable students who had studied assigned readings which covered the same material. The time needed for the completion of the assignment for the programmed instruction was about the same as that for the assigned readings. It can be inferred from the results of the testing that programmed instruction in basic nutrition is an effective teaching method for the five-year baccalaureate nursing students.

1220-73

PROJECT FEAST PUTS IT ALL TOGETHER.
M V Lawrence
Sch Foodserv J 27 (3): 29-30, Mar 1973.
369.8 SCH6

- Food service management, Learning, School food service, Students, Teachers.
Abstract: FEAST (Food Education and Service Training) is a new program in which teachers of various subjects and school food service managers work together to introduce students to career ladders in the hospitality and food service industry.
- 1221-73
PUPPETS ARE EFFECTIVE TEACHERS.
Esther H. Wilson, Mary Ann Lauritski, Anne P. Wallace
J Nutr Educ 4 (1): 22-23, Winter 1972.
TX341J6
Dramatic play, Instructional materials, Nutrition education, Preschool education, Teaching techniques.
Abstract: Nutrition ideas were taught to five-year-olds by the use of puppet shows. Many children told their parents what they learned about food in these classes.
- 1222-73
R & D FOR ADULT LEARNING.
Harold F. Rahmsdorf
Audiovisual Instruction 16 (4): 55-56, Apr 1971.
LB1043A9
Correspondence study, Instructional materials, Professional education.
Abstract: The American College of Life Underwriters is constructing a learning laboratory designed to implement research about adult learning processes and to develop practical learning tools and techniques that will be useful to career professional persons. This article describes the workings of the college and the laboratory.
- 1223-73
RECOGNIZING FOOD SPOILAGE (FILM LOOP); MADE BY COMPRENETICS.
DISTRIBUTED BY AJOOM; DIVISION OF HOFFMANN-LA ROCHE, INC.
RDSOM
Los Angeles, Comprenetics 1 cassette, super 8mm, ad, col, 15 min, 1970.
RA662.R4 F5N AY (Health employee learning program)
Food preservation, Food selection, Food service training, Food spoilage, Hospital food service.
For use in Fairchild cassette projector. Includes program.
Abstract: This training film shows how to recognize signs of spoilage and contamination, and how to prevent food poisoning. Indications of spoilage in beef, poultry, pork, canned foods, fresh foods, fruits, and vegetables are identified and illustrated.
- 1224-73
RECRUITING STUDENTS: AN UNMET NEED.
J. D. Ninsmeier
Sch Foodserv J 25 (10): 75-77, Nov/Dec 1971.
389.4 SCH6
Food service occupations, Recruitment, School food service, Surveys.
Abstract: School food service lacks technologically trained, management-oriented personnel working in the field. Need for more academically trained local level personnel was recognized by every responding state.
- 1225-73
RELATING SCHOOL LUNCH AND CLASSROOM TEACHING.
Marion L. Cronan
In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 238-254, July 12/24, 1970.
LB3479J5H3 F5N
Integrated curriculum, Nutrition education, School lunch programs, Student participation.
Abstract: The speaker suggested several specific factors that make up an effective nutrition education program for children in school. The first is: nutrition education should begin as soon as a child enters school and continue throughout his life. Second, a dynamic sequential curriculum is required that will integrate learning opportunities and experiences in nutrition with other school disciplines. Three, the cooperation of all school personnel is needed--students, teachers, administrators, and health professionals. Four, the parents and the community should be interested and involved. Five, innovative teaching aids are needed. Six, the mass media should be enlisted to reinforce the in-school teaching.
- 1226-73
THE RELATIONSHIP OF FEDERAL AGENCIES TO FOOD SCIENCE PROGRAMS AT THE UNIVERSITIES.
R. A. Oennison
Food Technol 26 (9): 84, 86-87, Sept 1972.
389.6 F7394
Food and Drug Administration, Institutes (Training Programs), Land grant universities, Nutrition education, U.S. Dept. of Agriculture.
Extract: The comments in this paper are directed primarily to the food science programs of the land grant universities, the regional laboratories of the U.S. Dept. of Agriculture, and the Food and Drug Administration. The author recognizes that there are excellent food science programs other than the USDA and FDA. Universities are primarily responsible for training food scientists, federal agencies have the major responsibilities for research.
- 1227-73
EFFECT OF AN INSTRUCTIONAL PROGRAM UPON COMPLEX COGNITIVE BEHAVIOR OF FOOD SERVICE WORKERS.
Margaret E. Roach
N.S. 63 p. 1968.
TX943.5.T7R6 F5N
Evaluation, Food service training, Programed instruction, Research methodology, Sanitation, Teaching aids, Teaching techniques.
Thesis (M.A.) - Washington State University, facsimile by the University, Pullman, Washington.
Abstract: This masters thesis describes a study on the effect of instructing food service workers in sanitation, using the teaching machine as an instructional aid. The research found that knowledge was increased when subjects completed the program via teaching machine, and that this knowledge carried over into the work situation.
- 1228-73
SATISFYING HIGH STUDENTS' APPETITES AND NEEDS.
A. C. Navarro
Sch Foodserv J 26 (10): 96-97, Nov/Dec 1972.
389.4 SCH6
Appetite, Mental retardation, School food service, Training.
Abstract: Ten (trainable mentally handicapped) students satisfy both their need for social acceptance and appetites by helping in school food service.
- 1229-73
HEALTH EDUCATION - A CONCEPTUAL APPROACH: CONCEPT 10: FOOD SELECTION AND EATING PATTERNS ARE DETERMINED BY PHYSICAL, SOCIAL, MENTAL, ECONOMIC, AND CULTURAL FACTORS.
School Health Education Study
St. Paul, Minn., 34 Education Press 5 v. (437 p.), 1972.
LB1587.NB53 F5N
Cultural factors, Economic influences, Food habits, Food preferences, Health education, Influences on nutrition, Nutrition education, Resource guides, Teaching guides.
Abstract: These guides are six components of a series "Health Education: A Conceptual Approach to Curriculum Design: Grades: Kindergarten Through Twelve". It is for use by the classroom teacher in structuring logical, sequential health instruction. Emphasis is placed on getting the student to understand concepts of health, to accept proven guidelines for good health, and to act on this knowledge and acceptance by applying it to his own daily living.
- 1230-73
SCHOOLING THE FOOD SERVICE EXECUTIVES OF TOMORROW.
Food Serv 32 (9): 12-16, Sept 1970.
389.2538 F732
Food service training, Junior colleges, Management education, Vocational education.
Abstract: Twenty-five universities and colleges, 200 Junior colleges, and 900 high schools feature vocational training for food service. Graduates of two-year Junior college food service programs are finding their talents in such demand that they defer the opportunity to transfer to a university and apply themselves immediately to the job market. As an example, graduates from Oakland Community College, Farmington, Michigan, are receiving an average of five job offers; starting salaries average \$7,900. The curriculum includes experience in food preparation, nutrition and menu planning, food standards, purchasing, and accounting. Equipment planning and layout, and microbiology are offered, and the student gains competencies in food service management. A one-year course in commercial cooking and baking is also offered.
- 1231-73
SELF-INSTRUCTIONAL PROGRAM OF TRAINING FOR FOOD SERVICE PERSONNEL COMPARED WITH GROUP TRAINING.
F. B. Aceclo, M. M. McKinley, M. Scruggs
J Home Econ 64 (2): 39, Feb 1972.
321.6 J82
Educational programs, Food service supervisors, Food service training, Food service workers.
Abstract: Comparison of programmed instruction with group training and differences in pretraining job knowledge, gain in job knowledge, how these characteristics relate to food service managers' experience and training.
- 1232-73
SEMINAR EVALUATION.
In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, U. of Wisc., 1971 p 105-126, July 19/30, 1971.
LB3479.U5W5 F5N
Evaluation.
Abstract: This section of the proceedings gives detailed information concerning the various ways that the seminar was evaluated. Check lists used in the evaluations and the overall results are included.
- 1233-73
SEMINAR EVALUATION PLAN [2] REFERENCE LIST [3] SEMINAR PARTICIPANTS.
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 334-365, July 12/23, 1971.
LB3479.U5K3 F5N
Evaluation, Seminars.
Abstract: This section of the proceedings covers the seminar evaluation plan. The 100 participants were divided into 3

1234-73

groups, each of which was to approach the evaluation by a slightly different method. It is hoped that the results of this evaluation show which method produces the most change and the greatest demonstration of new ideas following the seminar. The results of the evaluation will be made available to the Food and Nutrition Service, USDA.

1234-73

SEMINAR PROJECTS AND NOTES ON PROGRAM STRUCTURE. In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 169-177. July 18/28, 1971.

LB3479.U5 F6N
Seminars.

Abstract: This section of the proceedings outlines the approaches to and activities involved in the development of the projects of individual seminar participants.

1235-73

A TEACHER'S GUIDE OF STUDENT NURSES' LEARNING EXPERIENCES IN DIET THERAPY CLINICAL PRACTICE RELATED TO TOTAL NURSING CARE OF PATIENT, FOR USE IN SCHOOLS OF NURSING.

Eleanora Sasse

N.p. 243 p. 1954.

RT73.S4 F6N

Dietetics, Education, Educational programs, Evaluation, Learning, Nursing, Teaching guides, Therapeutic and special diets, Work experience.

Thesis (Ed.D.) - New York University, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.

Abstract: This doctoral thesis describes the development of a teacher's guide to be used in leading student nurses through meaningful learning experiences in diet therapy.

1236-73

SEQUENTIAL K-12 COURSES REPLACE OLD STYLE 'HEALTH'.

Carle E Willgoose

Nation's Schools 45 (3): 40-42. Mar 1970.

LB2404.N3

Curriculum planning, Health education.

Abstract: The haphazard exhortative approach to health education is giving way to planned sequential curricula that are developed to meet immediate student interests. Some of the planning considerations are discussed in this column.

1237-73

SETTING THE TABLE (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.

McGraw-Hill Films, Inc.

Wellington, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. (n.d.).

TX477.S4 F6N AV (Vocational Library: food management--kitchen management principle series.)

Dinnerware, Food serving methods, Table settings, Utensils.

For use in a technicolor cassette projector.

Abstract: This motion picture illustrates table settings--the components and how they are placed.

1238-73

SUE LEARNS ABOUT THE USE OF MEASUREMENTS IN COOKING.

Carol Shank

Phoenix, N.Y., Frank E. Richards 49 p. illus. 1971.

TX652.S.55 F6N

Cooking instruction, Elementary education, Measurement, Teaching guides, Workbooks.

Abstract: This is a student workbook and teacher's manual for a course in beginning cooking for the educable mentally retarded enrolled in regular high school homemaking classes. The major skill to be learned is the correct use of measuring equipment for various types of ingredients. Students are also instructed in standard abbreviations used in recipes and in the use of equivalents.

1239-73

YOUR FUTURE IN FOOD SCIENCE: A MONOGRAPH FOR HIGH SCHOOL AND JUNIOR COLLEGE LIBRARIES.

A L Shewfelt

New York, Carlton Press 81 p. 1971.

TX355.S5 F6N

Career choice, Food science, Food supply, Food technology, Higher education, Work experience.

Abstract: This book is an informative vocational manual for high school and junior college students. The first portion of the book deals with the change of emphasis in the food industry and the rise of food technology and food science. The task of getting healthy, nutritional and inexpensive food from the farmer's field to the dinner table is a gigantic one. With a series of hypothetical case histories, the author outlines the variety of fields open to prospective food scientists. Among them are: quality control, product development, technical sales, information, production, inspection, research, industrial development and teaching. The rest of the book analyzes a typical dinner and how it got to the supermarket; discusses the college experience and what a student must do to make the most of it; and describes the various organizations and services that are most closely associated with current scientific advances in the food field.

1240-73

TEACHING SUCCESSFULLY IN INDUSTRIAL EDUCATION. 2d ed.

G Harold Silvius, Estell H Curry

Bloomington, Ill., McKnight & McKnight 645 p. 1967.

T65.S465 F6N

Activity learning, Educational planning, Evaluation, Instructional materials, Safety, School community relations, Students, Teaching methods, Vocational education.

Abstract: This professional methods book is directed at helping an industrial education teacher attain certain goals: (1) secure personal data about students and prepare a program with concern for these factors; (2) identify the aims for a course; (3) become familiar with professional, text, and reference books, films and other teaching aids; (4) know the organizational patterns used by successful teachers and select appropriate plans for class management; (5) select and apply those techniques that make group or individual instruction more effective; (6) plan and conduct a safety education program as an integral and meaningful phase of the total instructional program; (7) plan for measuring educational achievement and evaluating instruction, while providing for the growth and development of each student; (8) plan for an optimum involvement of students, other educators, parents, and community leaders.

1241-73

SIMULATION OF INTERPERSONAL RELATIONS.

Kent L Gustafson

Audivisual Instruction 16 (1): 35-37. Jan 1971.

LB1043.A9

Audivisual instruction, Behavior change, Psychology, Role playing, Simulation.

Abstract: Low cost video systems permitting a relatively objective analysis of behavior can be utilized in conjunction with stimulus films described in this article to open up new areas of simulated interpersonal behavior.

1242-73

THE TRAINING OF ANCILLARY STAFF IN HOSPITALS: A FORGOTTEN SECTOR.

Duncan M Smith

Oxford, Eng., Pergamon Press 174 p. 1969.

RA972.S.56 F6N

Hospital food service, Inservice education, Job training, Medical services, Sanitation.

Abstract: Nearly a quarter of a million people are now employed in the supporting services upon which professional colleagues in hospitals depend heavily in their task of treating and caring for the sick. This book is the first major attempt to determine the extent to which training is being given to these hospital workers to develop their skills and help them to make their fullest and best contribution to the Hospital Service. It also seeks to point the way in which training might develop.

1243-73

SO MUCH, FOR SO MANY, FOR SO LITTLE.

Marsha Hehlfeld

Audivisual Instruction 16 (5): 39-40. May 1971.

LB1043.A9

Audivisual instruction, Junior colleges, Missouri, Public relations, School community relations, Televised instruction.

Abstract: The Junior College District of St. Louis, Missouri, uses its audiovisual and photographic capabilities to enhance its relations with the community. This article describes the various ways in which this is accomplished.

1244-73

SO YOU WANT TO BE A CONSULTANT?

Lola Beckman

Food Mgt 4 (3): 58-60. Mar 1973.

TX943.F6

Career planning, Careers, Consultants, Food service occupations.

Abstract: The author, herself a food service consultant and former food service manager, tells why she decided to become a consultant, how she made the switch, and what the job of being a consultant entails. She describes problems from her own personal experience, especially the lack of security and the need for self-discipline.

1245-73

SO YOU WANT TO GET AHEAD?

Food Mgt 4 (3): 51-54. Mar 1973.

TX943.F6

Career ladders, Career planning, Careers, Education, Food service occupations, Food service supervisors, Training.

Abstract: In this article, food service managers who have gotten ahead in the field explain how they did it. They give advice about how and when to switch jobs, how to improve conditions and make progress at one's present place of employment, how to choose supplementary training and college courses, and how to gain respect through outside effort (such as seeking speaking engagements to publicize the food service profession, volunteering to teach food administration classes as a regular or guest lecturer, joining and becoming involved in the Chamber of Commerce or the Jaycees, being active in one's local professional association, etc.).

1246-73

A CRITICAL EVALUATION OF IN-SERVICE TRAINING FOR CLASSIFIED EMPLOYEES IN SELECTED EDUCATIONAL ORGANIZATIONS IN THE UNITED STATES.

Donald Kenneth Sorsabal

N.p. 234 p. 1969.

LB2844.2.S6 F6N

PAGE 102

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- Evaluation, Inservice education, Nonprofessional personnel, Performance, Research methodology.
 Thesis (Ed.D.) - University of Southern California, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1973.
 Abstract: This doctoral dissertation purports to study and formulate certain recommendations for the implementation or improvement of in-service training programs for classified school employees. Questionnaires asking about in-service training programs were sent to 150 educational institutions. The author concludes that there is no best way to organize in-service training programs because the needs of each institution are so different.
- 1247-73
 A REFERENCE GUIDE FOR EVALUATION OF SCHOOL LUNCH TRAINING.
 Southwest Area Evaluation Project Committee
 Atlanta, 53 p. 1951.
 LB2844.Z56 FEN
 Evaluation, Personnel, School food service, School lunch programs, Training.
 With a committee report (12 p.).
 Abstract: The evaluation of employees is related to the evaluation of training programs. A single evaluation program is not offered. Instead, information is given on how to design a program to fit a particular situation.
- 1248-73
 STAFFING AND TRAINING PERSONNEL FOR CENTRALIZED SCHOOL FOOD SERVICE SYSTEMS.
 Gertrude Appianaux
 In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p 64-76. June 15/26, 1970.
 LB3479.U5T4 FEN
 Food service training, Personnel, School food service.
 Abstract: Presents illustrated approach for model staffing patterns.
- 1249-73
 STUDENT INVOLVEMENT IN SCHOOL FOOD SERVICE AND NUTRITION PROGRAMS.
 Grace Carr, Pan Israel
 In Proceedings of the Midwest Regional Seminar for School Food Service Supervisors and Directors, J. of Misc., 1971 p 52. July 19/30, 1971.
 LB3479.J5V5 FEN
 Programs, School food service, Student participation.
 Abstract: This paper discusses the involvement of youth in the school food service and nutrition education programs in the Bryan Public Schools, Bryan, Ohio. A school lunch student panel proved to be one of the most effective ways to promote good nutrition.
- 1250-73
 SUBJECTIVE EVALUATION OF AN EXPERIMENTAL TRAINING PROGRAM FOR FOOD SERVICE PERSONNEL.
 J. M. Benedict, M. M. McKinley, G. M. Montag
 J. Am. Diet. Assoc. 31 (2): 84-92, ref. June 1970.
 389.9 C1632
 Evaluation, Food service workers, Inservice programs, School food service, Training.
 Abstract: School lunch workers received short courses to obtain evidence of change in job performance of trainees and to compare trainees' perceptions of training needs before, immediately after, and eight months after training, and trainees' perceptions of learning immediately after and eight months after training.
- 1251-73
 PRACTICAL BAKING WORKBOOK: AN EDUCATIONAL INSTRUMENT FOR SELF-TESTING AND SELF-LEARNING.
 William J. Sultan
 Westport, Conn., AVI 155 p. 1970.
 TX763.S893 FEN
 Baking, Cooking instruction, On the job training, Workbooks.
 Abstract: The purpose of this work-study book is to enable the apprentice baker receiving on-the-job training, or the student at school, to summarize his training experiences through reading, research, and information to better understand the "how" of the job by knowing the "why" of what he is doing at work. Questions and assignments are based upon the job or curriculum-required work experiences and the information that is basic and related to these learning experiences. The apprentice or student will be able to recall and relate his work experiences when answering questions and completing special assignments. The content of this workbook is directly related to the course of study for the Apprentice Baker on-the-job Training Program appearing in the appendix of the second edition of "Practical Baking."
- 1252-73
 STUDENT WORKBOOK TO ACCOMPANY ELEMENTARY BAKING.
 William J. Sultan
 New York, McGraw-Hill 172 p. 1969.
 TX763.S894 FEN
 Baking, Cooking instruction, Workbooks.
 Abstract: This workbook, when completed, amounts to a diary of the student's experiences in learning about baking. The course covers the benefit of popular baked goods and involves the student in reading, observing demonstrations, and making and evaluating baked products.
- 1253-73
 A SYSTEMATIC TRAINING AND TEACHING PROGRAM.
 David C. Craig
 In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1969 p 60-67. June 16/27, 1969.
 LB3479.U5T4 1969 FEN
 Job training, Models, Teaching techniques.
 Abstract: Outline of the recognized phases of training and teaching programs using 2 models which fit well in administrative and managerial functions.
- 1254-73
 TEACHING AS CHANGING BEHAVIOR.
 Julie S. Vargas
 J. Am. Diet. Assoc. 58 (6): 512-515. Jun 1971.
 389.8 AN34
 Behavior change, Diets, Food habits, Nutrition education, Teaching methods.
 Abstract: The dietitian has two instructional jobs: (a) teaching people how to select and/or prepare foods to benefit their own health or the health of others, and (b) helping them to establish habits of doing so routinely. This job can be eased by designing learning experiences so that the learner does and says the things the teacher formerly did in demonstrations and lectures. By having each learner actively behaving, and by rewarding him for successful completion of each step, the teacher can more efficiently change his behavior so that he can and will do those things which are the goals of the teaching.
- 1255-73
 TEACHING NUTRITION IN THE MEDICAL SCHOOL.
 George J. Christakis
 J. Nutr. Educ. 4(3) [suppl. 1]: 141-145. Summer 1972.
 TX341.J6
 Curriculum planning, Higher education, Medical education, Nutrition education.
 Abstract: In 1961, only seven of the medical schools at that time had specific departments or divisions specializing in nutrition. This article surveys the attempts since that time to set up adequate nutrition education programs in medical schools.
- 1256-73
 TEACHING WITH COMPUTERS.
 Albert E. Hickey
 Training in Business and Industry 9 (4): 41-46. Apr 1972.
 HF1101.T7
 Computer applications, Individualized instruction, Programed instruction, Teaching methods, Training.
 Abstract: Only since 1965 has serious effort been made to use computers as an instructional aid. In the following seven years two different teaching applications were developed: computer-assisted instruction (CAI), and computer-managed instruction (CMI). CAI requires interaction between the trainee and the computer. CMI requires interaction between the instructor and the computer. Combinations and permutations of these methods are possible, as described in this review.
- 1257-73
 TEAM SUPERVISION.
 E. C. Payne, C. W. Gladstein
 Sch. Lunch J. 24 (7): 44-48. Jul/Aug 1970.
 389.9 SCH6
 Educational planning, Food service management, Food service workers, School food service supervisors, Training.
 Abstract: Team approach to food service management in multi-unit organizations can become the primary inservice training protocol for motivating and educating supervisors at any level. Supervisors learn to think, to investigate, to try, to grow, to participate with others and to realize their full potential.
- 1258-73
 TECHNIQUES OF GROUP INVOLVEMENT.
 Winifred O. Stone, Richard F. Meader
 In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 151-152. July 18/28, 1971.
 LB3479.U5 FEN
 Group dynamics.
 Abstract: This paper covers the testing of 2 techniques of group involvement by seminar participants. The first technique, Learning Thru Discussion (LTD), is a 9-step procedure to systematically provoke efficient and effective methods of communicating in small groups. The second technique, Information Interim (IMI), promotes the objective of whole-learner involvement and responsibility for self-learning with in a trusting, cooperative group.
- 1259-73
 GUIDE FOR COURSE OF STUDY FOR COOK (HOTEL AND RESTAURANT) (ENTRY).
 Tennessee, Dept. of Education, Division of Vocational Technical Education
 Nashville, Tenn. 118 p. 1967.
 TX663.T4 FEN
 Cooking instruction, Cooks, Food service training, Study guides, Vocational education.
 Abstract: This course of study guide is planned to introduce trainees to the various areas of food preparation and to provide

1260-73

ide opportunity for practical experience in each. Particular emphasis is placed on well-organized working practices, high standards of preparation, conscientious observance of good sanitation practices, and the development of attitudes desirable for holding a job when it is acquired.

1260-73

FOOD SERVICE SELLING; INSTRUCTOR'S MANUAL.
Texas University, Division of Extension
Austin, Texas 56 p. 1955.
TX943.T4 F5N

Food service training, Marketing, Restaurants, Teaching guides, Vocational education.

Abstract: This manual is an outline for an instructor teaching a ten hour course composed of five two hour sessions. The manual is organized into sessions on the basis of an analysis of a food service salesperson's duties according to the best accepted practices in contemporary food service establishments.

1261-73

FOOD SERVICE EMPLOYEES.
Texas Tech University, School of Home Economics, Dept. of Home Economics Education
Lubbock, Tex. und. 1969.
TX943.S.774 F6V

Food service training, Instructional materials, Study guides, Work experience programs.

Abstract: This course of study is one of a series available to assist teacher-coordinators in promoting and/or teaching home economics cooperative education programs. The course of study consists of (1) an overview and job description, (2) a job analysis, (3) a course outline, (4) instructional materials for student use, (5) unit tests, and (6) a list of references required for use with the instructional materials. The materials are designed so students may begin with any unit. It is not necessary for them to go through the units in a particular order. Each topic of the instructional materials begins with the task to which the topic is related and a statement of behavioral objectives. Study questions and/or assignments are included for each topic.

1262-73

DIETITIAN AIDES.
Texas Tech University, School of Home Economics, Dept. of Home Economics Education
Lubbock, Tex. und. 1969.
RM218.T4 F6V

Dietetics, Dietitian aides, Food service training, Instructional materials, Occupational home economics, Study guides, Work experience programs.

Abstract: This course of study is one of a series available to assist teacher-coordinators in promoting and/or teaching home economics cooperative education programs. The course of study consists of (1) an overview and job description, (2) a job analysis, (3) a course outline, (4) instructional materials for student use, (5) unit tests, and (6) a list of references required for use with the instructional materials. The materials are designed so students may begin with any unit. It is not necessary for them to go through the units in a particular order. Each topic of the instructional materials begins with the task to which the topic is related and a statement of behavioral objectives.

1263-73

THE THREE R'S HELP MAKE GOOD EATING IMPORTANT.
Elisabeth Shipple, Loretta D Stifel, Lillian Brennan
J Nutr Educ 2 (2): 55-58, Fall 1970.
TX341.J6

Elementary education, Instructional materials, Integrated curriculum, Nutrition education, Ohio, Teaching methods.

Abstract: Elementary school teachers in the Cleveland area have, for eighteen years, used special curriculum material to integrate nutrition education with many other subjects. This article reports on their materials, their methods, and their success.

1264-73

TO HAND OUT OR NOT TO HAND OUT.
Patrick Sweeney, Marit Stengels
Training In Business And Industry 9 (9): 55, 60, Sept 1972.
HF1101.T7

Educational planning, Instructional materials, Training.

Abstract: The author says that although trainees want hand-out materials (and feel cheated if they don't get them), the hand-outs are rarely if ever read and so are ineffective as educational tools. The author suggests ways of using the hand-out material during the training session at the time it is distributed so the content of the hand-out will be effective.

1265-73

A TOOL TO GET PEOPLE TO BE RELEVANT.
Thomas S Isaack
Training In Business And Industry 9 (5): 37, 65, May 1972.
HF1101.T7

Management development, Management education, Personnel management, Teaching techniques, Training.

Extract: Mr. Isaack describes the relevancy plotting idea in this article. In actual practice he recommends that you begin by appointing a secretary to the group - one who can plot the discussion without knowledge of the participants. Only after the task has been done for them are group members encouraged

to plot their own relevancy record. But the greatest modification of behavior is obtained when participants plot their own records. Mr. Isaack believes that of the many techniques used to confront a person with his own behavior, plotting can be most effective of all.

1266-73

TOOLS FOR NUTRITION EDUCATION--SOME EXAMPLES.
Mary M Hill
Natr Program News 1-4, Nov 1970-Feb 1971.
1.982 A2N955

Dietary study methods, Food habits, Nutrition education, Teaching methods.

Abstract: This issue describes some tools that help teachers learn about the food practices of children. The most successful nutrition education programs have been designed to meet nutritional needs of the particular children being taught. With knowledge of what her pupils will eat, the classroom teacher can provide experiences for children that (1) will help extend the variety of foods they will eat, and (2) will convince them that food makes a difference in how they grow, how they look, how they feel, and how well they can work and play.

1267-73

TRAIN 'EM OR LOSE MONEY.
L Gottlieb
Fast Food 71 (3): 106, 108, 110, 192, 197, Mar 1972.
389.2538 F82

Food service occupations, Food instruction, Management, Training.

Abstract: Points to be checked in evaluating employee efficiency and how to train personnel.

1268-73

TRAINING CAN BE PROFESSIONAL.
Frederick M Antil
Training And Dev J 26 (11): 14-17, Nov 1972.
LC1041.T7

Educational programs, Inservice education, Inservice programs, Job training, Personnel management, Training, Vocational education.

Abstract: Those involved in training and development of industrial personnel are trying to professionalize their calling. Industrial organizations seem to feel that training of personnel should be left to "experts" and educators from outside their companies. The author argues that in-house training staffs have abrogated their responsibilities and are no longer considered either professional or competent to train company employees. He presents a plan for improving company training programs and gives advice on how to "professionalize" a company's training staff.

1269-73

TRAINING DEPARTMENT BECOMES AN INCOME PRODUCER.
Olga Kaczmar
Training In Business And Industry 9 (5): 38-39, May 1972.
HF1101.T7

Cost effectiveness, Educational programs, Personnel management, Program planning, Training.

Abstract: This article describes how in 3 years the training department of the Harlott Corporation evolved from an expense division to a potentially profit-generating group called "Harlott Training Consultants."

1270-73

TRAINING MAKES FRISCH A GROWING BIG BOY.
M Werner
Fast Food 70 (8): 72-74, Aug 1971.
389.2538 F82

Career ladders, Food service workers, Management education, Recruitment, Restaurants, Training.

Abstract: Frisch Big Boy basic management training is a continuous process, and intensely practical. There is also an advanced management training course, consisting of a series of seminars and special programs. The company also offers educational grant-in-aid for managers who want to take special college courses. Executive managers have special assignments and membership on research teams. There is a special recruitment program for young people.

1271-73

TRAINING SURVEYS SURVEYED.
Michael A Raphael, Edwin E Wagner
Training And Dev J 26 (12): 10-14, Dec 1972.
LC1041.T7

Evaluation, Job training, On the job training, Personnel management, Supervision, Surveys, Training.

Extract: This article reports on an atypical survey. An endeavor was made to determine the extent of non-managerial training being conducted in industry and the methods of training used. After several surveys were located, it became clear that an overview and compilation of these surveys might be useful to both practitioners and researchers. This article is a result of those efforts.

1272-73

TRAINING THE FOOD SERVICE WORKER (KIT); HOSPITAL RESEARCH AND EDUCATIONAL TRUST. PRODUCED AND DISTRIBUTED BY THE ROBERT J. BRADY COMPANY.
Hospital Research and Educational Trust
Washington, Robert J. Brady Kit, 30 transparencies, color,

- In carrying case. 1967.
TX921.T7 F64 AV
Feed cost analysis, Food preparation and distribution systems, Food service training, Food spoilage, Hospital food service, Nutrition, Sanitation, Teaching guides.
For use with overhead projector. Contains student manual titled: Being a food service worker; Instructor's guide titled: Training the food service worker and instructor's key to the use of overhead transparencies.
Abstract: This kit is intended for use in a course combining classroom and on-the-job training. Basic techniques are covered first, leading gradually to complete procedures for preparing and serving nutritious food to hospital patients, employees, and visitors. The transparencies illustrate the principles discussed in the student manual and the instructor's guide. The kit is designed for hospital food service workers and there is a particular emphasis on sanitation in food preparation and service.
- 1273-73
TRAINING THE HANDICAPPED.
H. B. Jones
Sch. Lunch J. 24 (10): 47, 49. Nov/Dec 1970.
389.8 SCH6
Disadvantaged youth, Handicapped children, Mental retardation, School food service, Training.
Abstract: Training mentally handicapped children in school food service occupations.
- 1274-73
FOOD SERVICE SUPERVISOR-SCHOOL LUNCH MANAGER: THE COMPLETE STUDY GUIDE FOR SCORING HIGH. First edition.
David R. Turner
New York, ARCO Publishing Co. 352 p. 1969.
TX945.T78 F64
Civil service examinations, Food service management, Food service supervisors, Menu planning, Nutrition, Personnel management, Safety, Sanitation, Study guides.
Abstract: This self-study manual provides outlines of the subjects likely to be covered on a civil service examination for food service supervisor or school lunch manager: nutrition, menu planning, quantity cookery, food purchasing, personnel management, sanitation, and safety. Several of the chapters are drawn from other publications. Many sample questions from actual examinations and an original "predictive practice examination" are also included.
- 1275-73
SCHOOL LUNCH LEADERSHIP TRAINING CONFERENCE: A CONDENSATION.
U.S., Agricultural Marketing Service, Food Distribution Division
Dallas, Tex. 15 p. 1960.
L83474.U5 F64
Conference reports, Food service management, Inservice education, School lunch programs.
Abstract: This booklet describes, in brief outline form, the School Lunch Leadership Training Conference held at Texas Tech in 1960. The conference was designed primarily to explore means to "achieve more effective training of school lunch personnel with a minimum of money, time, and human energy."
- 1276-73
COMMISSARYMAN 3 & 2.
U.S., Dept. of the Navy, Bureau of Naval Personnel
Washington, D.C. 212 p. 1971.
VC353.A22 F64
Baking, Equipment, Food preparation, Menu, Menu planning, Military food service, Nutrition, Recordkeeping, Sanitation.
Revised.
Extract: This training manual has been prepared for men of the Navy and of the Naval Reserve who are studying for advancement to the rates of Commissaryman 3 and Commissaryman 2. Chapters 2 through 10 of this manual deal with the occupational matter of the Commissaryman rating. Chapter 2 provides detailed information about the organization of the general mess within the supply department, and the duties of the men who work in the Food Service Division. Successive chapters discuss procurement of foods, their inspection, storage and care, the equipment used in food preparation, nutrition and menu planning, expenditure of food items, sanitation in the general mess, food conservation, waste, general instructions for food preparation, baking, and food service.
- 1277-73
FOOD AND NUTRITION: A PROBLEM-CENTERED APPROACH: IN-SERVICE TRAINING FOR EXTENSION AIDES.
U.S., Extension Service
Washington, D.C. 20 p. 1972.
TX364.U527 F64 (U.S., Extension Service. PA-1004)
Extension aides, Extension education, Foods instruction, Inservice education, Nutrition education, Teaching guides.
Extract: The problem-centered approach focuses on real-life problems that Extension aides face in working with low-income families. A series of learning experiences is suggested to assist aides in finding effective ways for helping families make necessary changes to improve their nutrition. The problem-centered approach can be used effectively to provide inservice training for aides who have varying amounts of education and experience and different cultural, ethnic and economic backgrounds. This approach could also be adapted for use with other paraprofessional aides and leaders.
- 1278-73
FOOD PREPARATION: FOOD AND NUTRITION: SUPPLEMENTAL LESSONS FOR TRAINING EXTENSION AIDES.
U.S., Extension Service
Washington, D.C. 44 p. 1971.
TX364.U525 F64
Extension education, Food preparation, Foods instruction, Teacher education, Teaching guides.
Extract: Food Preparation is one of a series of booklets of supplemental lessons in food and nutrition, designed for use in on-the-job training of extension aides. These lessons are not intended to be complete teaching units. The purpose is to enrich the aides' background in food preparation and to provide practical teaching methods that they can use in presenting food preparation information to families. Since technical subjects in food and nutrition are simplified, some of the generalizations may have exceptions.
- 1279-73
KEY NUTRIENTS: FOOD AND NUTRITION: SUPPLEMENTAL LESSONS FOR TRAINING EXTENSION AIDES.
U.S., Extension Service
Washington, D.C. 41 p. 1970.
TX364.U52 F64
Extension education, Nutrients, Nutrition education, Teacher education, Teaching guides.
Extract: Key Nutrients is one of a series of booklets of supplemental lessons in food and nutrition, designed for use in on-the-job training of extension aides. These lessons are not intended to be complete teaching units. The purpose is to enrich the aides' background in food and nutrition and to provide practical teaching methods that they can use in taking food and nutrition information to families. Since technical subjects in nutrition are simplified, some of the generalizations may have exceptions.
- 1280-73
FOOD BUYING: FOOD AND NUTRITION: SUPPLEMENTAL LESSONS FOR TRAINING EXTENSION AIDES.
U.S., Extension Service
Washington, D.C. 62 p. 1971.
TX364.U524 F64
Consumer education, Extension education, Food purchasing, Teacher education, Teaching guides.
Extract: Food Buying is one of a series of booklets of supplemental lessons in food and nutrition, designed for use in on-the-job training of extension aides. These lessons are not intended to be complete teaching units. The purpose is to enrich the aides' background in food shopping principles and provide practical teaching methods that they can use in taking food purchasing information to families. Since technical subjects in food and nutrition are simplified, some of the generalizations may have exceptions.
- 1281-73
FOOD AND NUTRITION: BASIC LESSONS FOR TRAINING EXTENSION AIDES.
U.S., Extension Service
Washington, D.C. 41 p. 1971.
TX364.U5 F64
Extension education, Foods instruction, Nutrition education, Teacher education, Teaching guides.
Revised.
Extract: These lessons were designed to help the trainer Agent give aides the background in food and nutrition they will need for their work with low-income families. Each lesson has a specific purpose. The 15 basic lessons provide aides with the information they need to begin the important job of helping families improve their diets.
- 1282-73
MEAL PLANNING: FOOD AND NUTRITION: SUPPLEMENTAL LESSONS FOR TRAINING EXTENSION AIDES.
U.S., Extension Service
Washington, D.C. 41 p. 1970.
TX364.U527 F64
Extension education, Foods instruction, Menu planning, Teacher education, Teaching guides.
Extract: Meal Planning is one of a series of booklets of supplemental lessons in food and nutrition, designed for use in on-the-job training of extension aides. These lessons are not intended to be complete teaching units. The purpose is to enrich the aides' background in food and nutrition and to provide practical teaching methods that they can use in taking food and nutrition information to families. Since technical subjects in nutrition are simplified, some of the generalizations may have exceptions.
- 1283-73
FOOD NEEDS OF FAMILY MEMBERS: FOOD AND NUTRITION: SUPPLEMENTAL LESSONS FOR TRAINING EXTENSION AIDES.
U.S., Extension Service
Washington, D.C. 52 p. 1970.
TX364.U522 F64
Cultural factors, Dietary standards, Extension education, Food habits, Foods instruction, Nutrition education, Teacher education, Teaching guides.
Extract: Food Needs of Family Members is one of a series of booklets of supplemental lessons in food and nutrition designed for use in on-the-job training of extension aides. Purpose of these lessons is to give the aides more information about food needs of family members and to provide them with practical

1284-73

col teaching methods that they can use in helping families.

1284-73

MATERIALS FOR USE IN SPECIAL FOOD SERVICE SUMMER RECREATION TRAINING PROGRAM, SUMMER 1972 - TRAINING SITE SUPERVISORS. U.S., Food and Nutrition Service. Washington, D.C. 28 p. In.d.l. TX943.5.S8U5 F6N
Child nutrition programs, Food service, Summer programs, Training.
Abstract: The following training program is intended primarily for use by individuals responsible for training recreation center personnel who will have the responsibility of receiving/serving meals prepared at another site. The entire presentation should take approximately 3-1/2 hours. The training program can be shortened or lengthened according to the amount of time available. Along with the general content to be covered, there is to carry out the distribution of food to children, a section titled "Instructional Materials and Teaching Tips" is designed to help the instructor involve the student in meaningful learning experiences.

1285-73

SPECIAL FOOD SERVICE PROGRAM FOR CHILDREN, SUMMER PROGRAMS; SITE SUPERVISOR HANDBOOK. U.S., Food and Nutrition Service. Washington, D.C. 20 p. In.d.l. TX943.5.S8J52 F6N
Child nutrition programs, Food service, Manuals, Summer programs.
Abstract: This handbook instructs on-site supervisors of the USDA's Special Food Service Program for Children on the best ways to carry out the distribution of food and at the same time maintain good community relations. Use of volunteer workers, meal patterns, safety, sanitation, record keeping, and management are explained.

1286-73

MATERIALS FOR USE IN SPECIAL FOOD SERVICE SUMMER RECREATION TRAINING PROGRAM, SUMMER 1972 - TRAINING PROGRAM SPONSORS. U.S., Food and Nutrition Service. Washington, D.C. 31 p. In.d.l. TX943.5.S8J52 F6N
Child nutrition programs, Food service, Summer programs, Training.
Abstract: This is a lesson plan guide intended for use by regional and state office personnel responsible for training sponsors of USDA special summer food service programs. The sponsor's duties are outlined, and a section detailing the aims and goals of the program is included.

1287-73

COMMUNITY ACTION: ADULT EDUCATION. U.S., Office of Economic Opportunity, Community Action Program. Washington, D.C. 10 p. 1966. LC5219.U5 F6N
Adult education, Community action, Federal government, Financial support, Guidelines.
Abstract: This pamphlet discusses the need for adult education, describes the most important adult education provisions of the Economic Opportunity Act, and offers suggestions to persons or agencies interested in developing and implementing adult education programs for low-income adults. The appendix sets forth general eligibility criteria to be met by applicants for Section 205 grants under the Economic Opportunity Act, tells how to apply for a Section 205 grant, and where to get further information and technical assistance, if needed.

1288-73

COMMUNITY ACTION: THE NONPROFESSIONAL IN THE EDUCATIONAL SYSTEM. U.S., Office of Economic Opportunity, Community Action Program. Washington, D.C. 19 p. 1966. LB2844.2.U5 F6N
Community action, Education, Educational planning, Federal government, Financial support, Personnel, School community relations, Training.
Abstract: This pamphlet explains the desirability of training nonprofessionals as teacher's aides; discusses the jobs they can perform; describes training programs that have been held and others that are now in progress; and explains how a CAA can plan, organize, and operate a training program. The appendix sets forth general eligibility criteria to be met by applicants for Section 205 grants under the Economic Opportunity Act, tells how to apply for a Section 205 grant, and where to get further information and technical assistance, if needed.

1289-73

SUPERVISED FOOD SERVICE WORKER: A SUGGESTED TRAINING PROGRAM. U.S., Office of Education, Division of Vocational and Technical Education. Washington, D.C. 13 p. 1964. HF5549.T7U5 F6N
Adult vocational education, Curriculum planning, Food service training, Food service workers, Occupational home economics, Resource guides.
Revised.
Abstract: Many socioeconomic changes affecting women and families require that home economists now assume, to a greater extent than in the past, the responsibility of providing training for wage earners. This guide for the Supervised Food Service Worker provides resource material from which a local

training program can be developed. It is recognized that the experience and education of trainees will vary, as will the needs of the local health and welfare agencies that will employ and supervise the trained Supervised Food Service Worker. A suggested schedule for training is included, but each training program should be adapted to each group of trainees. This publication will be useful for the development of training programs that will enable women to acquire competencies having a valid wage value and needed in serving families.

1290-73

COOKS: A SUGGESTED GUIDE FOR A TRAINING COURSE. U.S., Office of Education. Washington, D.C. 111 p. In.d.l. TX661.U52 F6N
Cooking instruction, Curriculum planning, Food service training, Menu planning, Nutrition, Safety, Sanitation, Teaching guides, Vocational education.
Abstract: This training guide was prepared to provide assistance to teachers and administrators in developing a food preparation course that would qualify trainees for initial employment as an advanced learner. Specific aims are to present the principles and techniques of food preparation, and to present lessons "on a meal planning basis" that will afford an understanding of: specific menu terms; meal planning principles; equipment use, care, and safety; and important business practices involved in food service. The guide provides an outline for 240 hours of instruction divided among eleven topics. The sequence, time, and content can be adjusted to meet individual needs. A suggested list of equipment, food supplies, reference books, and a glossary have been included, as well as a sample floor plan of a restaurant kitchen.

1291-73

FOOD PROCESSING TECHNOLOGY: A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM. U.S., Office of Education. Washington, D.C. 97 p. 1967. TP374.E3U5 F6N
Casts, Curriculum planning, Facilities planning and layout, Food processing, Food technology, Vocational education.
Abstract: Technological changes in food processing in recent years have created a shortage of highly skilled technicians in the industry. This suggested curriculum guide was prepared to aid in planning and developing programs in the states to meet the nation's increasing need for skilled technicians in the food processing industry. The guide offers suggested course outlines with examples of texts and references, a sequence of technical education procedures, laboratory layouts with equipment and cost, discussion of the library and its use, descriptions of faculty and student services, and a selected list of scientific trade and technical societies. It is designed to assist school administrators, advisory committees, supervisors, and teachers who will be planning and developing new programs or evaluating existing programs in food processing technology. Although the indicated level of instruction is post high school, the sequence of course work may well start at any grade level where students have the prerequisite background and understanding.

1292-73

TRAINING FOOD SERVICE PERSONNEL FOR THE HOSPITALITY INDUSTRY. U.S., Office of Education. Washington, D.C. 145 p. In.d.l. TX911.5.U5 F6N
Food service training, Food service workers, Merchandising, Personnel, Teaching guides.
Extract: This publication includes suggested teaching materials and methods for training food service personnel in the hospitality industry. The content should provide vocational educators, as well as industry managers, with an appropriate guide for training food service personnel. At the same time, sales workers in the hospitality industry should be better able to build satisfying careers in food service operations as a result of training programs developed cooperatively between vocational distributive education and the hospitality industry.

1293-73

QUANTITY FOOD PREPARATION: A SUGGESTED GUIDE. U.S., Office of Education. Washington, D.C. 39 p. 1967. TX661.U5 F6N
Communication skills, Curriculum planning, Food preparation, Quantity, Food science, Food service training, Mathematics, Safety, Vocational education.
Extract: Food preparation and service, at present, call for a greater degree of skill and a more technical knowledge. Schools at the secondary level and post high school programs must provide the education and training prerequisite for entry into the industry. The purpose of this manual is to provide a suggested plan to be used by school officials in developing a training program in quantity food preparation. The guide is designed for use by instructors as an aid in developing a course of study. It is not for student use. It is a tool to be used only by persons charged with the responsibility of planning the program.

1294-73

A POST-HIGH SCHOOL PROGRAM IN CHILD CARE SERVICES; VOCATIONAL EDUCATION IN HOME ECONOMICS. U.S., Office of Education

Washington, D.C. 165 p. 1967.

TX165.U5 F64

Curriculum planner, Day care services, Home economics, Vocational education, Darkrooms.
Revised.

Abstract: Home Economics Education recognizes the increased need to prepare youth and adults for employment in Child Care Services. The jobs available in these services require specialized knowledge and skills which can be met in a post-high vocational education program. This work-material was developed to be of assistance in planning and developing post high Child Development programs. It was distributed to participants at an Institute for Home Economics teachers, to be used and evaluated during 1966-67. A revision was made in the spring of 1967 to incorporate shared ideas and suggestions for improvement. The major purpose of the Institute was to provide information and develop some ability in initiating, developing, and evaluating programs for training workers in selected occupations utilizing Home Economics knowledge and skills. Specifically these programs were for assistants to directors of group care situations for children, offered at the post high school level. Materials and instructional aids for this program were a planned outcome.

1295-73

LEARNING FOR EARNING: NEW OPPORTUNITIES FOR PAYCHECK EDUCATION: THE VOCATIONAL EDUCATION AMENDMENTS OF 1968.

U.S., Office of Education
Washington, D.C. und. 1968.
LC1045.J5 F64

Federal programs, Financial support, Vocational education.
Abstract: The 1968 Vocational Education Amendments authorize federal grants to the states to help them maintain, extend, and improve existing vocational education programs and to develop new programs. This booklet enumerates and describes various programs covered by this act, including exemplary programs, residential projects, consumer and homemaking education, cooperative vocational education, work-study programs, curriculum development, and training and development programs for vocational educators.

1296-73

UNDERGRADUATE EDUCATION IN DIETETICS.

Margaret A. Wilson

J Nutr Educ 4(3) (suppl. 1): 132-133. Summer 1972.

TX341.J6

Curriculum planning, Dietetics, Higher education, Nutrition education, Work experience programs.

Abstract: Undergraduate education in dietetics is in transition from a "four plus one" pattern to coordinated programs specializing in either administration or nutritional care. These programs will be based in fields other than home economics, because dietetics is allied with health, nutritional science, and other health related programs. Wherever it is based, dietetics must effectively integrate academic work and clinical study.

1297-73

UNDERGRADUATE EDUCATION IN PUBLIC HEALTH NUTRITION.

Helen A. Munscher

J Nutr Educ 4(3) (suppl. 1): 134-135. Summer 1971.

TX341.J6

Curriculum planning, Higher education, Nutrition education, Public health.

Abstract: This article details the ingredients for a sound, terminal degree, undergraduate program in public health nutrition. Areas of learning should include chemistry, bacteriology, physiology, behavioral sciences, food, nutrition, and community health.

1298-73

UNDERGRADUATE TRAINING IN NUTRITIONAL SCIENCE.

George M. Briles

J Nutr Educ 4(3) (suppl. 1): 129-131. Summer 1972.

TX341.J6

Curriculum planning, Education, Higher education, Nutrition education, Training.

Abstract: This article describes the necessary ingredients for an adequate undergraduate program for students who seek no higher degrees but wish to work in the field of nutrition directly after college graduation.

1299-73

THE USE OF SIMULATION TECHNIQUES BY PROSPECTIVE HOME ECONOMICS STUDENT TEACHERS.

J M. Beardsley, J. I. Delryaple

J Home Econ 62 (10): 729-732. Dec 1970.

321.4 J62

Home economics teachers, Simulation, Student teachers, Teaching techniques.

Abstract: Use of real-life teaching situations that students create, enact, and analyze; can be used even in small colleges with limited resources.

300-73

THE SMILE OF SUCCESS: SERVICE WITH A SMILE. 4th ed.

Kelly G. Vester

Rocky Mount, N.C., Business Builders 66 p. 1972.

HF5386.V4 F64

Merchandising, Motivation, Vocational development.

Abstract: This self-improvement pamphlet outlines a plan of action and suggestions for career advancement. The reader is

encouraged to evaluate himself, know his shortcomings and talents, keep track of his self-betterment, and generally to "think positive." Practice and self-discipline are urged, and great rewards are promised in the form of a successful, upwardly mobile, lucrative career.

1301-73

THE VIDEO CASSETTE, OCTOBER 72.

Edward McCabe

Training in Business and Industry 9 (10): 41, 67. Oct 1972.

HF1101.T7

Audiovisual aids, Audiovisual instruction, Equipment, Television instruction.

Abstract: This third report on cartridge television is intended to keep trainers up to date on the pros and cons of new systems, technologies, and procedures in the world of the videocassette. This article offers a brief glance into the past and a lengthier look into the future and what it holds for users of this medium.

1302-73

VITAMINS AND YOU (FILMSTRIP); VITAMIN INFORMATION BUREAU.

PRODUCED BY AUDIO-VISUAL SCHOOL SERVICE.

Vitamin Information Bureau

New York, Audio-visual School Service 1 filmstrip, 48 Fr.,

sl, 35mm, col. 1969.

TX553.V5V5 F64 AV

Biochemistry, Body composition, Dietary standards, Food aids, History, Nutrition education, Research, Vitamins.

With filmstrip commentary booklet titled: Vitamins and you and a full-color wall chart titled: Vitamins and your body. Abstract: The role of vitamins in human nutrition is a field in which research still continues. This filmstrip presents the basic information on the known vitamins and how they operate in the body's systems. Historical background of vitamin discoveries is shown, and viewers are instructed on food groups and the vitamins contained in each. The components of a well-balanced meal are also described.

1303-73

VOCATIONAL TRAINING ANSWERS MANPOWER NEEDS.

Cooking for Profit 41 (262): 56-60. Oct 1972.

TX901.C6

Commercial food service, Food service industry, Food service workers, Schools, Training.

Abstract: Role of technical schools in filling the chronic personnel shortage in the food service industry.

1304-73

WAKE THEM UP: ASK THE RIGHT QUESTIONS.

Patrick F. Suessmuth, Merit Stenness

Training in Business and Industry 9 (5): 33-36. May 1972.

HF1101.T7

Discussion (Teaching technique), Personnel management, Teaching methods, Teaching techniques, Training.

Abstract: The authors give advice on how to get trainees to participate, involve themselves, think, and learn by improving classroom techniques - specifically by posing the right kinds of questions to the students. Open-ended discussion of questions is encouraged, and sample dialogues and techniques are illustrated.

1305-73

KITCHEN TOOL SCHOOL; LESSONS ON COOKWARE, CUTLERY, BAKEWARE.

Wear-aver Aluminum Inc.

Chillicothe, Ohio und. illua. 1971.

TX556.V4 F64

Cooking equipment (Small), Cooking instruction, Cutlery, Instructional aids, Spirit masters.

Abstract: This set of three booklets and six spirit masters is designed to help teach students the basics about cookware, cutlery and bakeware. The spirit masters are keyed at the end of each booklet. Suggested class projects are on the inside back cover of the folder. The spirit masters in this kit are designed for reproduction as transparencies to be used on an overhead projector or run in quantity on a ditto master with copies to be handed out to the class, used on the bulletin board, or for a flip chart.

1306-73

THE DEVELOPMENT AND EVALUATION OF EIGHT UNITS OF PROGRAMMED INSTRUCTION DESIGNED TO TEACH BASIC NUTRITION.

Shirley Mae Weber

N.p. 339 p. 1965.

LB1028.S.W4 F64

Curriculum planning, Evaluation, Instructional materials, Nutrition education, Programmed instruction, Research methodology, Secondary education.

Thesis (Ph.D.) - Cornell University. Authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1973.

Abstract: Most students have only one formal course in nutrition during their school years, usually at the junior high school level. This doctoral thesis is an attempt to identify basic concepts in the field of nutrition and present them at a level appropriate to junior high students. The study recounts the methods and materials used in teaching nutrition to a sample of junior high students in New York State by means of programmed instruction. The author also evaluates the effectiveness of the methods used.

1307-73

1307-73

YOUR FUTURE IN RESTAURANTS AND FOOD SERVICE.

James H. Westbrook

New York: ARCO 159 p. 1971.

TX945.W43 FEN

Career choice, Career ladders, Employment opportunities, Food service industry, Food service occupations, Recruitment. Abstract: For students and prospective workers in the food service field, this book serves as a guide to career choice. Information is given on the size and growth of the food service industry and the variety of jobs available. Work environments are described and job descriptions are given for a number of typical positions. Training and personal qualifications are outlined, along with information on earnings, promotion, and job security prospects. Practical help is given in the form of a sample resume, suggestions on how to seek a job, and instructions on how to handle oneself at an interview.

1308-73

WHAT FILMSTRIPS CAN DO FOR YOU LATELY.

David H. Curi

Training in Business and Industry 9 (9): 34-45, Sept 1972.

HF1101.T7

Audiovisual aids, Instructional aids, Teaching techniques, Training.

Abstract: The author analyzes the filmstrip field studies and projectors from the training director's point of view: cost effectiveness, applications, versatility, and types of equipment available now and in the future.

1309-73

WHEN, HOW AND WHY TO USE TRAINING CONSULTANTS.

Herbert F. Engel

Training in Business and Industry 9 (2): 37-36, Feb 1972.

HF1101.T7

Consultants, Educational progress, Personnel management, Training.

Abstract: The author gives advice on the proper use of training consultants. He suggests ways for a company's training director to weigh the costs and benefits of bringing outside training experts into the organization.

1310-73

WHERE DO I GO FROM HERE (MOTION PICTURE); PRODUCED BY PROCTER AND GAMBLE IN COOPERATION WITH THE NATIONAL RESTAURANT ASSOCIATION.

National Restaurant Association

Chicago, National Restaurant Association 1 reel, 16mm, sd, col, 25 min. In.d.l.

TX943.448 FEN AV

Career choice, Food service industry, Food service management, Food service occupations, Food service workers, Occupational choice, Occupational guidance.

Abstract: This motion picture is concerned with careers in the food service industry. It is aimed at the young audience who are graduating from school and are trying to decide on their life's work. The food service industry is described as a growing field due to the fact that people in general travel more and so depend on the industry to feed them. The film's vehicle is a conversation between several young people, one of whom tries to explain the food service industry, and entice the others into choosing food service as a career.

1311-73

THE COMPONENTS OF COMMUNICATION.

Jule Wilkenson

Chicago, Institutions Magazine 96 p. 1968.

TX5102.5.15 FEN

Communications, Equipment, Food service, Instructional materials, Personnel management, Programmed instruction, Vocabulary. Abstract: This publication provides an overview of communications systems for use in food service/lodging institutions. Various communications systems and training materials for food service workers are described. Designers, suppliers, and installers of communications systems are also listed.

1312-73

INSTRUCTIONAL MATERIALS; AN ILLUSTRATED HANDBOOK OF IDEAS, SKILLS, AND TECHNIQUES FOR PRODUCING AND USING AUDIOVISUAL MATERIALS.

Raymond V. Aiken

Worthington, Ohio, Charles A. Jones 170 p. illus. 1972.

LB1043.45 FEN

Audiovisual aids, Instructional materials, Teaching techniques.

Abstract: In the classroom the chalkboard no longer serves as the primary mode for illustrating or amplifying ideas. Tapes, records, films, overhead transparencies, filmstrips, slides, and many other specialized devices and materials are now used. This book offers practical information about photography, transparency production, lettering, drawing, bulletin boards, dry counting, and many other devices. The information is presented in a nontechnical visual-verbal format designed to encourage the beginner to start out on his own. All instructions are combined with illustrations. The operation of audiovisual equipment, an overview of the fundamentals involved, is also included.

1313-73

SCHOOL FOOD SERVICE MANAGEMENT DEVELOPMENT PROGRAM: MANUAL, INTERMEDIATE COURSE.

Wisconsin, University, Cooperative Extension Programs

Yvonne K. Bushland, Mary E. Menkes

Madison, Wisc. 48 p. 1970.

LB3475.W5 FEN

Food service management, Inservice education, Menu planning, Nutrition, Purchasing, Recordkeeping, School community relations, School food service, Tyne A. lunch.

Abstract: This manual is from an eight session course teaching on all aspects of food service management. Study guides, notes, reading lists, and other information are included.

1314-73

INSTRUCTIONAL TELEVISION FACILITIES; A PLANNING GUIDE.

John P. Witherspoon, William J. Kessler

U.S., Office of Education

Washington, D.C. 73 p. 1969.

LB1044.7.W5 FEN

Audiovisual instruction, Educational planning, Facilities planning and layout, Instructional media, Televised instruction.

Abstract: This booklet is for educational administrators who want to know how television can be used as a satisfactory educational tool for the classroom. It describes the technology of televised instruction, and considers how this relates to educational objectives.

1315-73

WORK SIMPLIFICATION IN FOOD SERVICE (SLIDES).

Iowa State University Press

Ames, Iowa State University Press 100 slides, 2"x 2", color.

1972.

TX911.2.W6 FEN AV

Food service training, Individualized instruction, Work simplification.

Coordinated with "Work simplification in food service: Individualized instruction"; by Lynne Nannon Rosa.

Abstract: This set of slides is coordinated with the text "Work simplification in food service: Individualized instruction," written by Lynne Nannon Rosa and published by the Iowa State University Press in 1972.

1316-73

WRITE YOUR OWN TICKET (FILMSTRIPS/RECORDS); COCA COLA COMPANY IN COOPERATION WITH THE NATIONAL RESTAURANT ASSOCIATION.

Coca Cola Company, Institutional Foodservice Division

Chicago, National Restaurant Association 3 filmstrips, 82-

,65, 33 Fr., col, 35mm and 3 phonodiscs. 1970.

TX851.W7 FEN AV

Cafeterias, Career choice, Employment opportunities, Food service industry, Hygiene, Merchandising, Public relations. Set includes: 3 filmstrips titled: Write your own ticket; Take a giant step and meet a V.I.P.; 3 records: 33 1/3 rpm, 45.

Abstract: Films 1, 2, and 3 of the "Write Your Own Ticket" series are intended for trainees going into food service work. Film 1 is a documentary based on interviews with men and women in the food service industry who describe the job opportunities awaiting those who enter the field. Film 2 deals with the basics of grooming, hygiene, and customer relations. Film 3 presents cafeteria food service--why customers patronize a cafeteria and what they expect from such a facility. Instruction on keeping the line moving, making food items attractive, how to sell food, and how to serve and keep customers is all included.

1317-73

WRITING BEHAVIORAL OBJECTIVES.

Bessie R. McClendon

In Proceedings of the Nutrition Education Seminar,

Florida Agricultural and Mechanical Univ., 1971 p. 134-138.

July 18/26, 1971.

LB3479.U5 FEN

Behavioral objectives, Teaching aids.

Abstract: This paper discusses the writing of behavioral objectives. Topics include the classification of objectives, words to use in writing objectives, and the three basic parts of a behavioral objective.

1318-73

YOU.

Food Mgt 8 (3): 28-34, Mar 1973.

TX943.F6

Career planning, Careers, Food service occupations, Food service supervisors, Interviews, Prediction, Surveys, Work attitudes.

Abstract: This article is about food service managers---who they are and what they think about their occupations, what problems they have, and what they need to improve things for the future. Representative managers of food service establishments (in schools, colleges, hospitals, nursing homes, industrial plants, and commercial businesses) all over the United States were interviewed. Questions asked included (1) How do people refer to you? (2) How much food service experience do you have? (3) How did you get started in food service? (4) How much do you earn? (5) What is your most troublesome area in food service? (6) If you could have anything you want in terms of food service, what would it be? (7) What are the secrets for your future success?

Menu Planning

- 1319-73**
ADC 'CANNED' IMAGINATION TO SCHOOL LUNCHESES.
A Bartolotta
Sch Lunch J 24 (7): 33-36, Jul/Aug 1970.
389.8 SCH6
Canned foods, Convenience foods, Food preparation, Menu planning, School food service, Type A lunch.
Abstract: Suggestions for making canned foods for school lunches more interesting and more nutritious.
- 1320-73**
APPLICATION OF LINEAR PROGRAMMING TO MENU PLANNING BY COMPUTER.
G M Montig, K L McRoberts
J Can Diet Assoc 32 (2): 64-69, June 1971.
359.9 C1632
Computer applications, Computer science, Menu planning.
Abstract: Demonstration of power of mathematical generalizations permitted by linear programming formulation of menu planning. With the problems stated, and correct data furnished linear programming solutions guarantee a favorable profit margin over conventional menu-planning methods.
- 1321-73**
VOLUME FEEDING MENU SELECTOR.
Alta B Atkinson, Eufelia C Blair
Chicago, Institutions Magazine/Volunt Feeding Management 185 p. 1971.
TX728.A34 F6N
Institutional feeding, Menu planning.
Abstract: This book is intended to help men and women in the food service field who are responsible for menu planning. It offers lists of menu items arranged in chart form to guide the user in concocting varied menus to fit his specific food service operation. Appetizers, vegetables, salads, and desserts are all keyed with the entrees.
- 1322-73**
BREAKFAST THE CONVENIENT WAY.
J Gerr
Fast Food 71 (2): 103-105, Feb 1972.
389.2533 F82
Breakfast, Commercial food service, Convenience foods, Frozen foods, Fruit juices, Menu planning.
Abstract: Use of convenience frozen foods in planning breakfasts by the commercial food services.
- 1323-73**
ADVANCED MENU PLANNING: A COURSE FOR SCHOOL FOOD SERVICE PERSONNEL.
California, Dept. of Education, Food Service Office
Sacramento, Calif. 121 p. 1967.
TX728.C32 F6N
Age groups, Management, Menu planning, School food service, Student participation, Study guides, Workbooks.
Extract: The objectives of this course are to make it possible for school food service workers to (1) plan menus which meet the nutritional and psychological needs of both the elementary school and high school age young persons; (2) devise menus that provide variety and are appealing to the eye and appetizing to the taste; (3) use good management practices in menu planning; and (4) plan menus that use donated commodities to good advantage. The workbook is designed primarily as a study guide for the student; however it can serve other purposes.
- 1324-73**
BEGINNING MENU PLANNING: A COURSE FOR SCHOOL FOOD SERVICE PERSONNEL.
California, Dept. of Education, Food Service Office
Sacramento, Calif. 73 p. 1967.
TX728.C3 F5N
Dietary standards, Menu planning, School food service, Standardized recipes, Study guides, Type A lunch, Workbooks.
Extract: The objectives of this course are to make it possible for school food service workers to (1) become familiar with the Type A lunch pattern, which meets minimum nutritional standards of the national school lunch program; and (2) learn how to plan attractive menus which meet this nutritional standard. The workbook is designed primarily as a study guide for the student; however, it can serve other purposes.
- 1325-73**
THE CARE AND SELLING OF HOT ENTREES.
Fast Food 71 (3): 141-146, Mar 1972.
389.2533 F82
Convenience foods, Food preparation, Food service, Menu planning.
Abstract: Use of convenience foods in hot entrees and enhancing it by additional seasoning and combining it with other foods or convenience foods to make a distinctive menu for your establishment.
- 1326-73**
CHANGING PATTERNS IN FOODSERVICE.
D J Saliger
Cooking for Profit 41 (257): 27-29, 91, May 1972.
TX901.C6
Food service, Food service industry, Menu planning, Restaurants.
Abstract: New American life styles are drastically affecting menus, dining atmosphere, service, even kitchen design. Examples are cited which show how these touch every facet of food service.
- 1327-73**
CHOICES IN OUR MENUS.
F E Hudge
Sch Foodserv J 25 (10): 35-36, Nov/Dec 1971.
389.8 SCH6
Convenience foods, Menu planning, School lunch programs, Schools.
Abstract: Guest editorial on menu planning in the school lunch program.
- 1328-73**
CREATIVE APPROACHES TO TYPE A MENU PLANNING IN MEETING CURRENT SOCIAL NEEDS.
Ruth Richard
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 191-200, July 12/23, 1971.
LB3479.U5K3 F6N
Charts, Menu planning.
Abstract: This paper discusses the meeting of social needs via creative approaches to Type A menu planning. Factors involved in menu planning are presented and a number of charts pertaining to creative menu planning are included.
- 1329-73**
DIET IS NOT JUST A FOUR-LETTER WORD.
L Lindauer
Fast Food 71 (1): 64-66, 68-69, Jan 1972.
389.2533 F82
Calculated nutrient content, Calorie-restricted diets, Commercial food service, Diet information, Food preparation, Nutrition, Recipes.
Abstract: Means of reaching the low-calorie diet market, together with recipes.
- 1330-73**
DIVERSITY AND EXPERIMENTATION PAY OFF IN PROGRESS: HOSPITAL FOOD SERVICE THE KAISER WAY.
Instit/vol Feeding 72 (3): 31, Feb 1, 1973.
TX820.15
Convenience foods, Cost effectiveness, Equipment, Facilities planning and layout, Food preparation and distribution systems, Food service management, Hospital food service, Nutrition, Systems analysis.
Abstract: This article in three parts tells about food service innovations in progress at Kaiser Hospitals. Kaiser Hospitals pioneered the five-meal plan and the use of convenience foods. They offer attractive, nutritious meal choices in place of the former, bland hospital diets for patients. Food service for hospital staffs and guests is run in several different ways (complete cafeterias, vending machines, etc.) depending on which service best fits a particular hospital's organization and routine. The article also explains Kaiser's food service management procedures--how to achieve unit-by-unit autonomy and effect combined multi-unit savings.
- 1331-73**
THE DYNAMICS OF MARKETING TO DIETERS.
Food Serv 35 (3): 52-56, Mar 1973.
389.2533 F732
Commercial food service, Formulated foods and specialized products, Menu planning, Merchandising, Weight control.
Extract: Two marketing facts dictate an immediate review of the profit potential of a diet menu program: (a) by 1980, one out of every two meals will be eaten away from home, and (b) two-thirds of the dining-out population is diet-conscious. Obviously, this immense market must be met within operations across the board. Here is a case history of how one traditional commercial operation smoothly introduced a diet food production system. Additionally, we present some proven management concepts which you can adapt to your operation.
- 1332-73**
FROZEN ENTREES FOR EVERYONE?
B Teyler
Cooking for Profit 40 (242): 49-56, Feb 1971.
TX901.C6
Frozen foods, Menu planning.
Abstract: Illustrations of a single frozen entree in the home, on hospital trays, school lunch trays, fast-service counters, employee feeding operation, or table-service restaurants.
- 1333-73**
GAIN MENU PRESTIGE WITH PORK.
H Senstadt
Cooking for Profit 40 (240): 38-40, 46, 58-59, Aug 1971.
TX901.C6

PAGE 109

1334-73

Animal fats, Commercial food service, Food beliefs, Food misinformation, Menu planning, Porks, Restaurants, Skewed foods, Sodium-restricted diets.
Abstract: suggestions for serving pork as a main dish in commercial food service.

1334-73

MENU PLANNING: STUDENT MANUAL.
Georgia, Dept. of Education, Office of School Administrative Services, School Food Services Unit
Atlanta, 120 p., 1973.
TX728.G4 F6M (School lunch 2)
Food service training, Menu planning, School breakfast, School food service, Textbooks, Type A lunch.
Abstract: This course is designed to help school food service managers become more proficient in planning breakfasts and lunches that will meet all requirements of Type A meal patterns and which will at the same time be appealing, attractive and economical. Successful menu planning for school meal programs requires a knowledge of requirements and tools of the National School Lunch Act, Child Nutrition Act, etc., nutrition, purchasing procedures, kitchen layout, equipment and personnel and of quantity food preparation. Some knowledge of the students who will eat the meals is also necessary.

1335-73

GETTING MORE SCHOOL LUNCH INTO KIDS.
A C Bartolotta
Sch Lunch J 25 (41): 62, Apr 1971.
369.6 SCH6
Menu planning, School lunch programs.
Abstract: Suggested variations of standard foods which vary flavor with other additions, such as ethnic foods.

1336-73

GIVE THEM A CHOICE!
Modern Schools 33, 8-9, May 1971.
L83243.M6
Food preferences, Food selection, Menu planning, School food service, Student participation, Wisconsin.
Abstract: A school food service director in Wisconsin noted increased student participation when students were given a choice of hot entrees, convenience foods, hamburgers, and even milk shakes.

1337-73

HAMBURGERS AND COOKIES AND BANANAS AND CHICKEN AND SWEET POT-
ATO CAKE AND MILK SHAKES AND BROWNIES AND MARSHMALLOWS AND
SACON AND...
Food Mgt 5 (21): 50-52, 68-77, Feb 1973.
TX943.F6
Children, Cookery, Food preferences, Food preparation, Reci-
pes.
Abstract: This article describes the kinds of foods children like to eat, texture and appearance seem to be very important in children's acceptance of various kinds of food. The article outlines menus for children and gives recipes and directions for preparation.

1338-73

INCREASING IRON IN TYPE A LUNCHES.
F E McGlone
Sch Foodserv J 25 (101): 86-87, 89-93, Nov/Dec 1972.
369.6 SCH6
Iron, Menu planning, School lunch programs.
Abstract: Discussion of increased knowledge of the importance of iron, and need for increased consumption, especially in the growing child. A series of weekly menus illustrate the problems of increasing iron intake in a society that does not care for liver, the one iron-rich source we have.

1339-73

AN INSTANT RECALL ENCYCLOPEDIA...DESSERT-D-RAMA '72.
L A Gorton
Cooking for Profit 41 (2561): 29-34, 36, 38, Apr 1972.
TX901.C6
Commercial food service, Desserts, Food service industry.
Abstract: Forty suggestions for quickly prepared, but different, desserts.

1340-73

INTEGRATED NUTRITION AND FOOD COST CONTROL BY COMPUTER.
Mary Jane Gelsel
J Am Diet Assoc 61 (61): 637-646, Dec 1972.
369.6 A434
Computer applications, Computers, Cost effectiveness, Data processing, Food purchasing, Menu planning, Nutrient values, Nutrition.
Abstract: In this study, selective menus for the regular hospital diet were planned with computer assistance, then compared with conventionally planned menus. The computer-menu resulted in lower raw food costs; no statistical difference in patient satisfaction was demonstrated; and stipulated nutritional standards were met. Menu-planning with computer assistance was then extended to cover 90 per cent of modified diets, and similar comparisons were made. Again, the computer-menu yielded more exact nutritive values and lower food costs.

1341-73

KANSAS SCHOOL LUNCH MENU PLANNING BOOK, 1971-72.
Kansas, Dept. of Education
Topeka, una., 1971.

TX945.K32 F6M

Menu planning, Sanitation, School lunch programs, Type A lunch, Workbooks.
Abstract: This guide includes a year's supply of blank menu planning forms, rules and regulations for Type A lunch, procedures for sanitary food handling, and tables of measurements, quantities, equivalents and standards.

1342-73

MEAL MANAGEMENT, 3d ed.
Faye Kinder
New York, Macmillan 552 p., 1968.
TX353.K45 F6M
Consumer economics, Food purchasing, Food service, Menu planning, Textbooks, Work simplification.
Abstract: Chapters I and II briefly discuss spending for food by Americans in the United States, the market place in which they make food purchases, and the collective behavior of consumers in the market place. A chapter on food laws and regulations precedes chapters on food buying. Definitions and standards for food and food grading are discussed. Information on food classes prerequisite to making buying decisions is presented in several chapters. There are also chapters on decisions relating to the use of the meal manager's resources and the serving of meals. The author has attempted to present information and leave to the meal manager the making of decisions. Guidelines for action are suggested.

1343-73

CONTEMPORARY MEAL MANAGEMENT.
M Kramer, M Sander
New York 390 p., 1972.
TX354.K7 F6M
Food economics and consumption, Food service management, Marketing, Meal patterns, Nutrition education.
ISBN 0-471-50680-X.
Abstract: This book has been written with the intent to make students aware of the challenges of the times. In the detailed discussion: the legacy for American diets, the role of nutrition, food economics, marketing for food, kitchen management, serving of food, hospitality and etiquette are dealt with.

1344-73

THE CYCLICAL MENU.
Massachusetts, University, Cooperative Extension Service
Albert L Wrisley, Charles E Eshbach
Amherst, Mass., 12 p., 1970.
TX728.W3 F6M (Massachusetts, University, Cooperative Extension Service, Food management program leaflet 61)
Cycle menu, Food service management, Menu planning.
Abstract: This leaflet suggests how the use of cyclical menus can aid food service operators in solving the problem of lack of meal variety from too frequent and regular repetition of the same menu items. Described are the place of cyclical menus in food service operations, their advantages, how they are constructed and function, and how variations can be made. Shown are suggested cyclical menu patterns.

1345-73

MAXIMIZING PRE-PORTIONED MEATS.
J Gorr
Fast Food 71 (11): 95-103, Jan 1972.
369.2536 F62
Commercial food service, Cooking methods, Meat.
Abstract: Use of less angular cuts of beef, pork, lamb, in main dishes.

1346-73

MODELS FOR CONTROL OF NUTRITIVE CONTENT OF MENUS PLANNED BY COMPUTER.
E F Eckstein
Food Technol 25 (61): 36, 37, 40, Jun 1971.
369.6 F7396
Calculated nutrient content, Computer applications, Food analysis, Food quality, Meal composite analysis, Menu planning.
Abstract: Four models for controlling the nutritive content of menus planned by computer are: (1) random or uncontrolled, (2) maximum control, (3) linear programming, and (4) average control. They were examined in terms of expected cumulative and aggregate nutritional effects. Model 1 was found to be useless, and Model 2 impossible to obtain. Model 3 appears to drive down acceptability, thus raising questions concerning the validity of nutritional assumptions. Model 4 allows controlled but customary fluctuating variations in cost and nutritive content and currently appears to offer the best alternative for meeting nutritional objectives.

1347-73

MORNING MENUS.
Sch Foodserv J 26 (11): 36-41, Jan 1972.
369.6 SCH6
Menu planning, School breakfast programs.
Abstract: Calendar of menus for the school days of September, October, and November.

1348-73

MENU PLANNING FOR SCHOOL LUNCH, AUGUST 11-14, 1969.
New Mexico, Dept. of Education
Santa Fe, N.M., 85 p., 1969.
TX728.M4 F6M
Educational progress, Food purchasing, Food service training, Menu planning, School lunch programs, Standardized recipes.

AGE 310

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- Type A lunch.
Abstract: This workbook is from a revised menu planning course conducted for school food service employees. It includes a variety of ideas, procedures and reference tables to use in planning a Type A lunch.
- 1349-73
MONOGRAPHS SIMPLIFY RECIPE ALTERATIONS.
Sch Foodserv J 27 (41): 71-74, 76-77. Apr 1973.
389.8 SCH6
Menu planning, Recipes, School food service.
Abstract: Monographs are charts by which we can accumulate on a single, continuous scale the irregular recipe measurements. Each monograph has three scales, the left is the multiplier scale, the one on the right indicates the quantity of an ingredient in the original recipe, and the one in the middle is the quantity resulted--either an increase or decrease--in the adjusted recipe.
- 1350-73
NUTRITION AT A PRICE: ECONOMICS OF MENU PLANNING.
James Kyles
In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 79-81. July 12/24, 1971.
LB3479.U5P4 F6N
Food cost analysis, Menu planning.
Abstract: This paper deals with economics of menu planning. Included are tools which are useful in controlling food costs such as item and menu costing, records of food costs and income, forecasting and controls in the sub-systems of the food delivery system.
- 1351-73
BETTER SCHOOL LUNCHES IN OKLAHOMA.
Oklahoma, Board of Education
Oklahoma City univ. 1964.
TX728.D392 F6N
Fish, Food cost analysis, Meat, Menu planning, Poultry, Pretzels, School lunch programs, Type A lunch.
Abstract: These menus were planned with the Type A lunch pattern as a guide. Quantities were figured so that minimum requirements were met. The cost was kept within the reach of the average school. The nutritive value was computed in order to be sure menus were meeting one-third to one-half of the child's daily food needs. In menu planning the Type A lunch pattern may or may not meet the child's nutritional needs, depending on the choice of foods within the menu. Menu planning is quite a problem with any school, but we believe that school lunch personnel can take the menus presented in this book and be assured that they will give the student a quality lunch at a reasonable price.
- 1352-73
MENU PLANNING BOOKS: OKLAHOMA SCHOOL LUNCH, 1972-73.
Oklahoma, Dept. of Education, School Lunch Division
Oklahoma City, Okla. 29 p. 1972.
TX728.D39 F6N
Menu planning, School lunch programs, Type A lunch.
Abstract: This new planning book includes the minimum requirements for a Type A lunch, the quantities needed to meet these requirements, tables of substitutes and equivalents, recipe adjustment charts, and blank menu planning forms.
- 1353-73
OLE FOR OLIVES.
M Roynon
Sch Foodserv J 25 (11, 12, 13): 91-92. Oct 1971.
389.8 SCH6
Menu planning, Olives, Recipes.
Abstract: Suggestions for the use of olives as an added touch, and recipes calling for olives.
- 1354-73
MUSHROOMS, FURNIP GREENS AND PICKLED EGGS.
Frances Carr Parker
New York, Carlton Press, Inc. 288 p. 1971.
TX728.73 F6N
Consumer economics, Menu planning, Recipes.
Abstract: This book contains a functional menu plan for a complete year. Many of the recipes are out-of-the-ordinary, but the main stress is on well-balanced meals containing food that are practical as well as tempting. The author presents a menu for three meals a day, and some of the recipes for many of these meals. Meals for holidays and special occasions are also included.
- 1355-73
POINTS FOR PLANNING TYPE A LUNCHES.
G Bolton
Sch Lunch J 25 (4): 69-70, 73-74. Apr 1971.
389.8 SCH6
Adolescents (12-17 years), Costs, Menu planning, Nutrition, School children 15-11 years, Type A lunch.
Abstract: Alternate choices in Type A lunches should be between foods of similar nutritive value; limited choice should not increase operating costs.
- 1356-73
PUT FISH AND SEAFOOD ON THE SCHOOL MENU.
Modern Schools J. 13-15. Feb 1972.
LB3243.46
Fish, Menu planning, School food service.
Abstract: Fish and other seafoods can be nutritious, economical, and convenient additions to the school lunch menu; this article tells what fish to serve and how to prepare it.
- 1357-73
SCHOOL LUNCH ON-LINE IN KANSAS.
Sch Foodserv J 26 (6): 24-27. June 1972.
389.8 SCH6
Computer applications, Food service management, Menu planning, Organization, School lunch programs, Type A lunch.
Abstract: Shawnee Mission School District programmer assisted food service coordinators in computerized menu planning with 200 menu combinations. The master menu detail line consists of: 1. Menu number; 2. Menu; 3. Coded list of ingredients; 4. Amount of each ingredient needed for one serving on both secondary and elementary levels. These menu combinations were checked and approved for Type A requirements.
- 1358-73
MENU DESIGN - MERCHANDISING AND MARKETING.
Alden G Seaborn
Chicago, Institutions Magazine/Volume Feeding Management 372 p. illus. 1971.
TX728.S4 F6N
Advertising, Commercial food service, Marketing, Menu design, Merchandising.
Abstract: This book is planned to give food service operators as much help as possible in designing and producing menus for use in their establishments. Chapters deal with cover design, sequence of food lists, writing copy and selecting type, color selection, costs of menu production, plus other topics. The author also goes into detail on specialty food items and how they can best be merchandised via the menu.
- 1359-73
SEVEN CHOICES FOR LUNCH.
M Watson
Sch Lunch J 25 (4): 57, 59, 61. Apr 1971.
389.8 SCH6
Menu planning, School food service, School lunch programs, Type A lunch.
Abstract: Menu planning which offers a choice of seven plate lunches, all Type A in Fort Collins, Colorado schools.
- 1360-73
SHOULD MILKSHAKES HAVE A PLACE IN THE TYPE A LUNCH?
Modern Schools p. 12. Mar 1973.
LB3243.H6
Milk products, Milk shakes, Nutrient values, School lunch programs, Type A lunch.
Abstract: Milk shakes can provide the nutritional value of whole milk, with more calories, and a taste appeal which would probably lead to an increase in total nutrient consumption. This article examines the milkshake's nutritional composition, and tells why it can be of value in a school lunch.
- 1361-73
STRETCH 'N SUBSTITUTE.
Cooking for Profit 40 (244): 29-33, 72-73. Apr 1971.
TX901.C6
Protein foods, School lunch programs, Textured vegetable proteins, Type A lunch.
Abstract: Introduction to, and ideas for use of textured vegetable proteins as part of the protein in type A school lunch programs.
- 1362-73
AN AUTOMATED SIMULATION VEHICLE FOR SCHOOL BUSINESS ADMINISTRATION ACCENTUATING COMPUTERIZED SELECTIVE SCHOOL LUNCH MENU PLANNING.
Charles Kenneth Tenner
N.D. 130 p. 1972.
TX728.T3 F6N
Computers, Food cost analysis, Louisiana, Menu planning, School lunch programs, Simulation, Type A lunch.
Thesis (Ed.D.) - Florida State University. Authorized facsimile by University Microfilms, Ann Arbor, Mich., 1968.
Abstract: The primary purpose of the study was to design a computerized procedure whereby the most economical school lunch menus could be selected from a set of preplanned menus. A second objective of this study was to carry out a cost analysis of menu items served in grades 1 to 6 in some decentralized cafeterias of the New Orleans public schools during the 1967-68 fall-winter term. It was concluded that type A menus could be planned by computer and that "a large number of feasible menus could be planned in approximately three minutes at a cost of less than 50 dollars." Estimated cost for a year was \$1,000. The major limitation discovered was in "palatability codes." Expansion of the palatability index was proposed to improve menus. The form of the computer output also called for refinement.
- 1363-73
TRY NEW FISH VARIETIES ON YOUR MENU.
Cooking for Profit 42 (264): 26-28-29, 42, 50. Feb 1973.
TX901.C6
Commercial food service, Fish, Food service industry, Menu planning, Recipes.
Abstract: Discussion of use of fish in menus, particularly substitution of lesser known varieties. Includes comprehensive species chart and recipes.

1364-73

1364-73

TYPE A--TWO DIFFERENT WAYS.

J E Shinn

Sch Foodserv J 25 (3): 55-56, 58, Mar 1972.

389.8 SCH6

Menu planning, Nutrition education, School lunch programs, Students, Type A lunch.

Abstract: guest editorial suggesting offering type A lunches as a plate lunch, and a la carte, with menu items supplying only empty calories (sweet, high calorie food) not being available.

1365-73

A MENU PLANNING GUIDE FOR BREAKFAST AT SCHOOL.

U.S., Food and Nutrition Service

Washington, D.C. 10 p. 1970.

TX733.U5 F64 (U.S. Food and Nutrition Service. FMS-7)

Dietary standards, Guidelines, Menu planning, School breakfast, Revised.

Extract: This menu planning guide was prepared to help school lunch supervisors and managers plan breakfast menus to help meet the daily dietary needs of children. It is for use in the School Breakfast Program, authorized by the Child Nutrition Act of 1965. The legislation authorizes cash and food assistance for pilot breakfast programs in an effort to improve diets of school children. Special groups to be reached include: Needy children who arrive at school without breakfast and children who travel long distances to school. Schools serving breakfasts are eligible under this act for cash reimbursement and for the donated foods that are available from the U. S. Department of Agriculture. In addition, the Child Nutrition Act authorizes funds for equipment needed to establish or expand breakfast programs where local resources are inadequate.

1366-73

A MENU PLANNING GUIDE FOR TYPE A SCHOOL LUNCHESES. Revised.

U.S., Food and Nutrition Service

Washington, D.C. 16 p. 1969.

TX728.U52 F64

Cycle menu, Menu planning, School food service, Type A lunch.

Abstract: This menu planning guide has been prepared to help school lunch personnel plan Type A school lunches and understand the relationship of Type A lunch requirements to the dietary needs of children. Consideration has been given to recent advances in the fields of food and nutrition, and the basic principles of good menu planning. This publication includes: (1) systematic methods for planning and evaluating menus; (2) suggestions for planning menus for children of various age groups; (3) ideas for planning for controlled choices of foods within the type A pattern; and (4) sample menus that meet type A lunch requirements.

1367-73

HANDBOOK OF TWENTY CONSECUTIVE MENUS AS SUBMITTED BY UTAH DISTRICTS.

Utah, Dept. of Public Instruction

Salt Lake City 170 p. 1971.

TX728.U5 F64

Food tables, content, Handbooks, Menu planning, Nutrient values, Recipes, School lunch programs, Type A lunch.

Abstract: This handbook is the outgrowth of a summer menu planning workshop. Each menu plan meets Type A standards and recipes are provided for most of the main protein dishes in each menu.

1368-73

VEGETABLES: VARIETIES, GRADES AND USES FOR A MORE PROFITABLE MENU.

J Garr

Fast Food 70 (8): 109-112, Aug 1971.

389.2538 F82

Food preparation, Menu planning, Vegetables.

Abstract: New ideas for serving vegetables in restaurants.

1369-73

WHAT'S FOR BREAKFAST?

Cooking for Profit 42 (264): 20-22, 24, Feb 1973.

TX901.C6

Breakfast, Commercial food service, Convenience foods, Food service industry, School breakfast programs.

Abstract: New ideas for breakfast in fast food service establishments, also available for school breakfasts.

1370-73

WRITING THEIR OWN MENUS.

Food Nutr 2 (1): 4-5, Feb 1972.

TX341.F615

Adolescents (12-19 years), Disadvantaged youth, Home economics education, Menu planning, School breakfast programs, School children (5-11 years), School lunch programs.

Abstract: Menu planning by 9th grade students in home economics class for school breakfast and lunch programs of children from the Mohawk Reservation.

1371-73

YOU CAN HAVE BOTH UNIT-BY-UNIT AUTONOMY AND MULTI-UNIT SAVINGS: KAISER'S SOUTHERN REGION PROVES IT.

Institutional Feeding 72 (3): 32-35, Feb 1, 1973.

TX820.I5

Convenience foods, Cost effectiveness, Equipment, Facilities

planning and layout, Food preparation and distribution systems, Food service management, Hospital food service, Nutrition, Systems analysis.

Abstract: This article in three parts tells about food service innovations in progress at Kaiser Hospitals. Kaiser Hospitals pioneered the five-meal plan and the use of convenience foods. They offer attractive, nutritious meal choices in place of the former, bland hospital diets for patients. Food service for hospital staffs and guests is run in several different ways (complete cafeteria, vending machines, etc.) depending on which service best fits a particular hospital's organization and routine. The article also explains Kaiser's food service management procedures--how to achieve unit-by-unit autonomy and effect combined multi-unit savings.

1372-73

NURSING HOME MENU PLANNING, FOOD PURCHASING, AND MANAGEMENT.

Moran E Zaccarelli, Josephine Megliore

Chicago, Institutions/Velvet Feeding Magazine 359 p. 1972.

RA997.23 F64

Elderly (65 + years), Food purchasing, Food service management, Hospital food service, Menu planning, Recipes, Therapeutic and special diets.

Abstract: This manual is designed to guide the food service director in providing nutritional, appealing meals in an attractive environment that will promote patient health and well-being. It is a reference aid for the day-to-day administration of the food service facility. There are over 1,000 menus included, as well as specific steps to organizing and operating the food service facility.

Food Preparation and Production

1373-73

THE ABC'S OF FRYING...A PROFIT PRIMER; BREADING AND-BATTER MIXES; WHY THROW AWAY FRYING FATS; IN FRYING, SYSTEM IS EVERYTHING; FRYING EQUIPMENT.

H Sanstedt

Cooking for Profit 41 (254): 29-36, 38, 90-91, Feb 1972.

TX901.C6

Commercial food service, Equipment, Fats and oils, Food preparation, Frying, deep fat.

Abstract: Use of fat in cooking, proper equipment, proper maintenance of fat quality and quantity.

1374-73

AFRI-KINGDOM FRIED CHICKEN SYSTEM.

Cooking for Profit 41 (261): 72-74, 76, Sept 1972.

TX901.C6

Commercial food service, Food preparation, Frying, deep fat, Poultry.

Abstract: Step-by-step description of the way Afri-Kingdom prepares chicken for finish-frying; marinade and breading ingredients not included.

1375-73

AIR FARE: A COMPLETE CONVENIENCE SYSTEM.

Philip J Parrott

Cernell Hotel And Restaurant Admin Quarterly 12 (3): 33-44, Nov 1971.

TX901.C67

Airline catering, Convenience foods, Facilities planning and layout, Food preparation and distribution systems, Prepared foods.

Abstract: This article describes the food service system in use on Continental Airlines planes. It explains (1) kitchen and facilities planning to save space; (2) the system for distributing, storing, preparing, and serving food; (3) the scheduling of suppliers to meet airline flight needs; and (4) costs.

1376-73

AKRON SCHOOLS GET A FOR ACHIEVEMENT WITH FROZEN TYPE A LUNCHESES.

Toe Finnegan

Quick Frozen Foods 35 (3): 45-46, Oct 1972.

389.8 Q4

Audiovisual aids, Food delivery systems, Frozen foods, Ohio, Prepackaged portioning, School food service, Type A lunch.

Abstract: A motion picture was made of the Akron, Ohio, school lunch program and its frozen convenience food systems. The children are shown serving food, eating food, and describing their favorite frozen foods. The lunch program, the film, and the frozen foods especially are described in this article.

1377-73

QUANTITY COOKERY AND FOOD PREPARATION; INSTRUCTOR'S GUIDE FOR PRESENTING THE PRINCIPLES OF SCHOOL LUNCH OPERATION.

Alabama, Dept. of Education

Montgomery 45 p. 1971.

- TX820.A4 F64**
Breads, Desserts, Eggs, Food preparation, quantity, Meats, Salads, Standardized recipes, Type A lunch, Vegetables.
Abstract: This guide presents the principles and practices of recipe selection, food quantity determinations, and cooking techniques.
- 1378-73**
PRACTICAL COOKING AND BAKING FOR SCHOOLS AND INSTITUTIONS.
Joseph Amendola, James J. Borrelli
New York, Amerec 198 o. illus. 1971.
TX820.A47 F64
Baking, Cooking instruction, Food preparation, quantity, Institutional feeding, School food service, Standardized recipes.
Abstract: This book is for use by cooks and bakers in institutions of any size. The authors have combined their knowledge of classical cookery with up-to-date, efficient methods of food preparation to create a guide for institutional food-service personnel. This recipe book is for school lunch preparation as well as for food-service education. All of the essentials of food service are covered with a selection of recipes to meet specific needs of schools, hospitals, seminars, nursing homes, and other institutions.
- 1379-73**
UNDERSTANDING BAKING: HOW TO PRODUCE POPULAR PIES, CAKES, COOKIES, ROLLS AND BREADS.
Joseph Amendola, Donald E. Lundberg
Chicago, Institutions Magazine/Volume Feeding Management 216 p. 1970.
TX763.A4 F64
Baking, Batters and doughs, Breads, Cakes, Cooking instruction, Facilities planning and layout, Nutrient values, Pies.
Abstract: This book gives detailed instructions on almost all aspects of baking. The characteristic work of various ingredients are discussed and appropriate layouts for bakery shops are suggested.
- 1380-73**
HANDBOOK OF FOOD PREPARATION. 6th ed.
American Home Economics Association
Washington, D.C. 115 p. 1971.
TX652.A4 F64
Cooking methods, Food grades, Food preparation, Food purchasing, Food selection, Guides, Recipes, Vocabulary.
Revised.
Abstract: This handbook is a compilation of facts and figures from many sources. It is a reference book for those who work with foods, including home economists, dietitians, researchers, institution managers, and equipment and food companies. The handbook attempts to promote uniform usage with respect to names of ingredients, units of measure, processes, time and temperatures, and so on.
- 1381-73**
ANATOMY OF A SATELLITE SYSTEM: MAUNATUSA LUNCH PROGRAM.
Modern Schools 22. 3-6. Mar 1973.
LB3243.46
Facilities planning and layout, Food delivery systems, Satellite, School food service, Wisconsin.
Abstract: Maunatusa, Wisconsin has centralized its school lunch program, resulting in better tasting lunches, higher quality control, stricter portion control, and more efficient use of labor and space. Their facilities are described and pictured in this article.
- 1382-73**
FOOD PREPARATION.
Helen Holmes Andrews
Toronto, McGraw-Hill 147 p. 1967.
TX663.A5 F64
Cooking instruction, Food preparation, quantity, Food service training, Recipes, Sanitation, Textbooks.
Abstract: This book is written for beginning cooks. The material is organized into a logical sequence of learning stages. The student must be aware of why he should know how to purchase, store, prepare and serve food. He needs a basic knowledge of what foods must be consumed for good health. Since bacteria which cause illness like the same food as do humans, the students must know and practice hygiene and sanitation. Health regulations must be followed for the customers' protection but perhaps the student will be more conscientious if he realizes that hygiene and sanitation are for the food workers' protection as well. Principles, methods, and standards are stressed throughout.
- 1383-73**
QUANTITY COOKING: FOOD SERVICE WORKSHOP.
Arizona State University, Dept. of Home Economics
Tempe, Arizona 22 p. 1971.
TX62C.A7 F64
Baking, Food preparation, quantity, Protein foods, Salads, Type A lunch, Vocabulary, Workshops.
Abstract: An Arizona State University Extension Program held at McClintock High School, Tempe, Arizona; June 7-11-June 14, 1971.
Abstract: This workshop handbook covers the basic ingredients, quantities, ratios and methods in food preparation.
- 1384-73**
AROUND THE MENU WITH STEAM COOKING.
H. Sonstadt
Cooking for Profit 41 (256): 40-42, 44-45, 48, 50. Apr 1972.
- TX901.C6**
Commercial food service, Cooking equipment (large), Food service industry, Menu planning, Steaming.
Abstract: Steaming permits high food production in compact spaces, is economical of fuel, and cooks rapidly. Suggestions for thawing and cooking poultry, cooking pasta products, eggs, meats, and includes steam cooking equipment.
- 1385-73**
BAKING A CUSTARD (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. (n.d.).
TX773.83 F64 AV (Vocational Library: home baking--food preparation series.)
Baking, Cooking methods, Custard, Recipes.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates a technique for baking a custard. Each step of the recipe is demonstrated.
- 1386-73**
BEEF: SOME ANSWERS.
Louis Szathmery
Cornell Hotel And Restaurant Admin Quarterly 11 (3): 49-59. Nov 1970.
TX901.C67
Beef, Cooking methods, Food preparation, Food purchasing, Food serving methods, Food storage, Meat.
Abstract: Written in a question-and-answer format, the author gives advice on the proper purchasing, storage, preparation, cooking, and serving of beef--sirloin, tenderloin, chateaubriand, filet mignon, and tournedos steaks, as well as chuck steaks and roasts.
- 1387-73**
A BOWLFUL OF SOUP: COMBINATIONS.
J. Garr
Fast Food 72 (1): 105-110. Jan 1973.
389.2538 F02
Food preparation, Soups.
Abstract: Use of processed soup, generally canned, as basis of soup combinations or as sauces.
- 1388-73**
BRAISING AND STEWING (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. (n.d.).
TX693.87 F64 AV
Braising, Cooking methods, Stewing.
With study guide. For use in Fairchild cassette projector.
Abstract: Demonstrates processes of braising and stewing from initial choice of meat through browning, seasoning and sauce, to final presentation. Features preparation of beef pot roast and French lamb stew to show comparison between the two methods, stressing amount of moisture used, handling of gravies, cuts of meat. Low temperature simmering explained and other hints given to glorify the less-tender cuts used in braising and stewing.
- 1389-73**
BREAKFAST: THE FARE THAT'S FIRST IN PROFITS.
Bruce Smith
Food Serv 35 (3): 27-34. Mar 1973.
389.2538 F732
Breakfast, Convenience foods, Merchandising.
Abstract: The new breakfast products described in this article are "high on Food Service Marketing's 'Raw-to-Ready' scale," meaning they are quick and easy to prepare. Utilizing these convenience foods, "a properly deployed breakfast service system can expand profit horizons throughout the operational day."
- 1390-73**
BROILING (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. 1969.
TX667.87 F64 AV
Broiling, Cooking methods, Food preparation.
With study guide. For use in Fairchild cassette projector.
Abstract: Demonstrates procedures for quality broiling of steaks, hamburgers, poultry, fish and other foods. Shows importance of coordinating with serving staff, controlling heat for searing and cooking, and correct handling of delicate meats. Includes how to attractively mark meats, test for doneness, turn without piercing, and prevent sticking. Also includes details on operating and cleaning equipment.
- 1391-73**
COOKERY MADE SIMPLE.
Margot Burbidge
London, W.H. Allen 301 p. (illus. 1971).
TX663.867
Cookery, English, Cooking instruction, Foods instruction, Study guides.
Abstract: This is a self-teaching book for the beginner who knows little or nothing of kitchen processes or cookery techniques. As a complete course for the home student it presents the basic principles of all aspects of food preparation and explains clearly how to make things appetizing with the mini-

1392-73

ness of fuss. In anticipation of the change-over to the metric system which is due to take place in Britain in 1975, tables are given both for Imperial and metric measurements, but to simplify weighing and measuring, the basic unit of 25 g in place of oz has been adopted for the quantities given in the recipes and conversions of liquid measures have been given whenever practical.

1392-73

QUANTITY FOOD PREPARATION: A COURSE FOR SCHOOL FOOD SERVICE. California: Dept. of Education, Food Service Office Sacramento, Calif. 116 p. 1967.

TX620.C3 F64

Box Lunch, Breads, Fish, Food preparation, quantity, Miscellaneous foods, Salads, School food service, Study guides, Workbooks.

Abstract: This is a laboratory course providing experience in methods of preparing foods in quantity without sacrificing nutritive values. The objectives are to make it possible for school food service personnel to learn (1) use of standard recipe files, (2) use of weights and measures, (3) use of school kitchen equipment, (4) timing and scheduling food preparation, (5) selection of materials, and (6) display and service of meals for school lunch program. This workbook is designed primarily as a study guide for the student; however, it can serve other purposes.

1393-73

CANNED ENTREES ARE BETTER THAN EVER.

H Senstadt

Cooking for Profit 40 (250): 27-31, Oct 1971.

TX901.C6

Canned foods, Commercial food service, Main dishes.

Abstract: Suggestions for canned main dishes in commercial food service, illustrated with ways to serve corned beef hash for various meals, and listing other canned main dishes available.

1394-73

CANNED PUDDINGS: KEY COST CONTROL AND PROFIT ASPECTS.

Food Serv 33 (9): 26-32, Sept 1971.

389.2538 F732

Canned foods, Convenience foods, Cost effectiveness, Desserts, Food composition.

Abstract: This basic fact file includes step-saving hints on how to present and combine the various canned products. In addition to a flavor checklist, there are data on nutrient content of each type (chocolate, vanilla, butterscotch, lemon, and rice). Prepared puddings cut labor costs by 25 to 35 percent, thus reducing costs dramatically.

1395-73

THE CARE AND SELLING OF COLD ENTREES.

J Garr

Fast Food 71 (4): 125, 130, Apr 1972.

389.2538 F82

Commercial food service, Food preparation.

Abstract: Suggestions for cold foods as a spring change from hearty winter meals.

1396-73

CARE AND USE TIPS FOR FRYING FATS.

Cooking for Profit 41 (261): 42, 44-45, Sept 1972.

TX901.C6

Commercial food service, Fats and oils, Food preparation.

Abstract: Methods of keeping frying fats in good condition as they are fresh and bland to the taste.

1397-73

CEREAL SERVICE: BREAKFAST AND BEYOND.

Food Serv 35 (41): 34-36, Apr 1973.

389.2538 F732

Breakfast cereals, Grain products, Merchandising.

Abstract: Breakfast cereals, though highly profitable, are under-merchandised in most food service operations. This article tells how cereals can be garnished and sold by themselves, and how they can be used as ingredients in other dishes.

1398-73

FOOD STUDY MANUAL. Second edition.

Helen Charley

New York, The Ronald Press Company 275 p. 1971.

TX663.C45 F6N

Beverages, Breads, College programs, Fats and oils, Food preservation, Foods instruction, Laboratory manuals, Meat, Milk products.

Abstract: The Second Edition of this manual is designed primarily for introductory foods courses at the college level which do not require previous work in chemistry or nutrition. Its purpose is to introduce the student to the main categories of food study, and its emphasis throughout is on developing comprehension of the scientific principles involved in the preparation of a selected list of basic food products. In each chapter, the purpose of the study of the particular category of foods under consideration is stated briefly, and the scope of the laboratory work is indicated. Technical terms, the meanings of which are essential to an understanding of each topic, are included in the section on terminology. Exercises have been provided in each chapter, containing standard recipes for basic food products with explicit directions for their preparation. Experiments have also been provided to illustrate the effects of such factors as the type of ingredients used in a

recipe, variations in proportions of ingredients, variations in emulsification techniques, and the effects of cooking time and temperature on the finished product.

1399-73

CLOUDED OUTLOOK FOR CONTRACT FEEDING.

Nation's Schools 85 (2): 27, Feb 1970.

LB2404.N3

Commercial food service, Contract feeding, School food service.

Abstract: USDA officials said that they were willing to make an effort to allow private caterers to serve school lunches in schools without cafeterias, but the caterers suspected that any changes would be hobbled by the same restrictions that crippled earlier experiments in contract feeding. They doubted that the USDA's new position would lead to any changes at all.

1400-73

CO-EXISTENCE: SURPLUS COMMODITIES AND CONVENIENCE FOODS.

J R Myers

Cooking for Profit 41 (259): 34-35, Jul 1972.

TX901.C6

Commodities, Convenience foods, Gravies, Poultry, School breakfast programs, School lunch programs.

Abstract: Use of convenience foods together with commodities is illustrated by turkey, rice, commodities, with prepared gravy mix, a convenience food which takes time and skill.

1401-73

CONTRACT FOOD MANAGEMENT: DIGESTING THE ALTERNATIVES.

Nation's Schools 88 (3): 63-67, Sept 1971.

LB2804.N3

Contract feeding, Food delivery systems, Food preparation and distribution systems, School food service.

Abstract: The USDA decision to allow schools to use private contract food services without losing federal subsidies stirred up a flurry of interest among school districts and contractors. Some of the developments, trends, and considerations are discussed in this article.

1402-73

CONVENIENCE FOOD SYSTEMS.

Sch Foodserv J 26 (8): 41, Sept 1972.

389.8 SCH6

Convenience foods, Food service management.

Abstract: Introduction to a group of articles about convenience food systems.

1403-73

CONVENIENCE FOOD SYSTEMS: BUILDING FOOD SYSTEMS FOR THE FUTURE.

G Applebaum

Sch Foodserv J 26 (8): 43-48, 50, Sept 1972.

389.8 SCH6

Convenience foods, Satellite, School food service.

Abstract: Reasons for changes that must be met, and attitude which one must have to meet them. The school food service must respond to change, fit the school environment, and design systems that work.

1404-73

CONVENIENCE FOOD SYSTEMS: OPEN SCHOOL SELECTS BULK FOOD SYSTEM.

B Richardson

Sch Foodserv J 26 (8): 63-64, 66-67, Sept 1972.

389.8 SCH6

Bulk service, School food service.

Abstract: In Chesterfield County, Virginia, two junior high schools and their adjacent elementary schools coexist, with the junior high schools transporting bulk food to the elementary schools. This preserves the same serving procedure as when the food is prepared on-premise.

1405-73

CONVENIENCE--TO USE OR NOT TO USE?

F E McGlone

Sch Foodserv J 26 (1, 2, 3, 8): 93-94, 96, Oct 1971.

389.8 SCH6

Convenience foods, Food quality, Frozen foods, School lunch programs, Type A lunch.

Abstract: Both fast preparation convenience foods and frozen prepackaged individual lunches are used in Oakland, California, schools. They must meet the following qualifications: good food quality; acceptable costs; taste; acceptability.

1406-73

COOK IT WITH STEAM!

Modern Schools pp. 6-9, Dec 1972.

LB3243.N6

Cooking equipment (Large), Cooking methods, School food service, Steaming.

Abstract: Steam cooking has several advantages: cooking is done faster with less energy and subsequently lower electrical costs; almost any food can be cooked this way; food yields are higher; nutritive value of steam-cooked foods is higher; and sticking and drying of foods is no problem. A chart compares the nutritive values of steamed vs. boiled foods. An illustrated listing of seven brands of electric steam cookers is included.

- 1407-73
THE COOKIE MAN CAN.
Food Serv 35 (2): 30-32. Feb 1973.
389.2538 F732
Baked goods, Convenience foods, Cooking methods, Merchandising, Processed foods.
Abstract: This is a merchandising guide to the appropriate and expanded use of cookies. A chart showing nutritional analysis of popular cookies is included.
- 1408-73
COOKING A STEW (FILM LOOP): PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. (n.d.).
TX893.C6 F5N AV (Vocational Library: homemaking--food preparation series.)
Food preparation, Stews.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates the technique for cooking a beef stew, from pouring the water in the stewpot to final checking for tenderness.
- 1409-73
A COOL HEAD FOR SALADS (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 12 min. 1967.
TX807.C6 F5N AV
Leafy green vegetables, Lettuce, Salads.
With study guide. For use in Fairchild cassette projector.
Abstract: Explains principles and procedures essential for preparing green salads. Demonstrates techniques for cleaning, storing and cutting iceberg lettuce. Preparation of a wide range of other lettuces, vegetables, fruits and garnishments are illustrated. Demonstrates importance of proper salad presentation, including color and design; emphasizes imaginative uses of garnishments in final preparation of salads.
- 1410-73
THE CRUNCH OF CRACKERS.
Food Serv 34 (4): 46-51. Apr 1972.
389.2538 F732
Baked goods, Crackers, Merchandising.
Abstract: The crunch of the cracker marks its success or failure. Crackers are one of the least expensive, most easily handled products for "proper texture programming." Ideas are given for the use of breadsticks, Melba toast pretzels, saltines, soup and oyster crackers, and special toasts (bacon, cheese, onion, rye, sesame, and wheat). Color photographs illustrate crackers as accompaniments and food ingredients.
- 1411-73
THE PROFESSIONAL CHEF: A DEFINITIVE TEXT BOOK DETAILING THE ARTISTRY OF THE CHEF. 3d ed.
Culinary Institute of America
Chicago, Institutions Magazine/Volume Feeding Management 404 p. illus. 1971.
TX945.R63 F5N
Cookery, Cooks, Food cost analysis, Food preparation, Food service occupations, Menu planning, Recipes, Safety, Sanitation.
Abstract: This is a textbook on the art of cooking professionally. Progression of menu has been selected to coordinate the training program at the Culinary Institute. Menus from some twenty countries, and the 154 formulas needed to reproduce the dishes listed on these menus are included. In some cases, formulas are given in this book for items which are often purchased already prepared or partly prepared. The bulk of the formulas are based on 50 portions, but interspersed are formulas of varying proportions to ready the student for the Advanced Menus. The student also learns to convert formulas to greater or lesser amounts as required. He is urged to taste all food that is prepared, regardless of personal dislikes or previous eating habits. By tasting properly prepared food he can develop his palate.
- 1412-73
A SURVEY OF FACTORS RELATING TO THE PREPACKAGED LUNCH SYSTEM IN SELECTED SCHOOL DISTRICTS.
Connie M Dongoie
N.e. 48 p. 1971.
TX945.D3 F5N
Central Kitchen, Food delivery systems, Food preferences, Prepackaged portioning, Research methodology, School lunch programs, Student participation.
Thesis (M.A.) - Kent State University, facsimile by the University, Kent, Ohio.
Abstract: This master's thesis studies the use of prepackaged lunch systems in the schools--reasons for instituting the prepackaged system, pleasing aspects of the system, and obstacles accompanying the use of the system. The author found that prepackaged lunch systems were instituted (1) to save equipment investment, (2) to provide hot lunches, and (3) to cut labor costs.
- 1413-73
DEEP FAT FRYING (MOTION PICTURE).
Hollywood, National Educational Media 1 reel, 16mm, sd, col, 10 min. 1970.
TX889.D4 F5N AV
Cooking equipment (Large), Cooking instruction, Cooking methods, Cooking techniques, Fats and oils, Frying, deep fat. With study guide.
Abstract: This motion picture covers the essentials of deep fat frying. Highlights include equipment usage and cleaning, preventing fat absorption, and care of fats to prevent decomposition. The film demonstrates basic techniques of using breadings and batters, including tempura. A wide range of deep fried foods is shown, including fish, chicken, potatoes, fritters, and zucchini. It also demonstrates how to get maximum quality from this popular cooking method.
- 1414-73
FOOD PREPARATION: STUDY COURSE. 1st ed.
Louise Dennier
Ames, Iowa, The Iowa State University Press 149 p. 1971.
TX820.D45 F5N
Food guides, Food preparation, quantity, Inservice education, Menu planning, Standardized recipes, Study guides.
Abstract: This 12-lesson study course on food preparation provides information on food preparation for food service employees. Some of the activities necessitate involvement of the employee in doing things that will clarify his understanding of the principles of food preparation. The overall objectives of the course are that as a result of participation the student will be better able to: select, care for, prepare, cook, and serve foods for the patients, residents, customers, and personnel in the facility in which he works; improve or retain flavor and appearance of food; retain the maximum nutrients and increase digestibility of food; use standardized recipes and standardized measures to obtain uniformly good food products; use standardized methods to obtain uniformly good food products; use standardized serving methods and equipment which control portion sizes; use various types of equipment to obtain good food products with different methods of preparation; and use the Daily Food Guide (Basic Four) as a means of providing nutritionally adequate menus.
- 1415-73
THE EASE OF WORKING MERCHANDISING MAGIC WITH GOOD FOOD - NEW LIFE FOR JADED MENUS.
Bruce Smith
Food Serv 33 (5): 29-33. May 1971.
389.2538 F732
Cooking techniques, Food preferences, Frozen foods, Recipes, Seasonings.
Abstract: The cook using "high-readiness" frozen foods has time to turn attention to ways of presentation, i.e., to customer appeal, spicing and garnishing take on great importance. Suggestions are given for converting basic frozen entrees to international specialties: beef Burgundy basque, breaded veal with Neapolitan rose-olive sauce, king crab crepes, and Scotch chops (breast of lamb stuffed with ground lamb). Readily available garnishes for frozen prepared entrees are suggested. Recipes are available from the magazine.
- 1416-73
EFFECT OF TEMPERATURE AND CUT ON QUALITY OF PORK ROAST.
Vianne D Bramblett, Max D Judge, R B Harrington
J Am Diet Assoc 57 (2): 132-135. Aug 1970.
389.6 AM34
Cooking, Meats, Palatability ratings, Pork.
Abstract: Boneless fresh hams and shoulders were roasted to compare the eating quality associated with degree of doneness between end-point temperatures of 170 degrees and 145 degrees F. Paired roasts were cooked in a rotary hearth oven at 325 degrees F. Ham and shoulder roasts cooked to 170 degrees F. required significantly shorter cooking times and had lower total cooking losses than roasts cooked to 145 degrees F. All roasts showed the characteristic gray color of well-done pork. Scores for palatability factors of appearance, tenderness, juiciness and flavor were similar for all roasts cooked to 170 degrees or 145 degrees F. Under the conditions of this study, an end-point of 170 degrees F. is satisfactory for roasting boned and tied fresh hams and shoulders at 325 degrees F.
- 1417-73
EFFECT OF THAWING AND HOLDING ON ACCEPTABILITY OF FROZEN PEACHES.
Sara E Rader, Fern E Hunt
J Am Diet Assoc 56 (11): 46-48. Jan 1970.
389.6 AM34
Food preparation, Food storage, Frozen foods, Peaches.
Abstract: Selected characteristics of peaches commercially frozen in 8 1/2-lb. containers were observed after thawing under three conditions and holding at 4.5 degrees C. for five holding periods of from zero to 14 days. Analyses of variance were calculated for color, flavor, and texture; correlation coefficients for subjective and objective evaluations of color and tenderness; and a chi-square distribution for taste panel ratings of overall acceptability. None of the thawing methods affected the characteristics observed in this study. Longer holding periods significantly affected Judges' scores and objective measures for color and tenderness as well as Judges' scores for flavor and ratings of overall acceptability.
- 1418-73
EFFICIENCY ESCALATION IN SCHOOL LUNCH PROGRAMS.
Food Serv 34 (9): 60-64. Sept 1972.
389.2538 F732
Equipment, Facilities planning and layout, Food service, Philadelphia, School lunch programs, Type A lunch.

1414-73

Abstract: This program, developed by the Philadelphia Catholic school system, is designed around individual hot entrees, economical electric dispenser-type ovens, and single serviceware. The entrees, supplemented with milk, fruit, and other required foods, qualify for assistance under the Type A lunch program. The Philadelphia program served as a prototype for projects in other school districts, where food preparation, storage, and clean-up facilities are limited or non-existent. Students often eat in a gym or in their classrooms. A typical serving system is described.

1419-73

EGGS (TRANSPARENCIES).
Connie Richards
Minnesota Mining and Manufacturing Company, Visual Products Division
St. Paul, Minnesota Mining and Manufacturing Co. 23 transparencies, color, 8 1/2 x 11. 1967.
TX745.E35 FCM AV
Animal sources of food, Cooking methods, Cooking techniques, Eggs, Food preparation.
For use with overhead projector. Includes a teacher's guide.
Abstract: This set of transparencies provides instruction for the cook or other food service worker on the selection, uses, and preparation of eggs.

1420-73

FACTORS AFFECTING THE QUALITY OF SAUCES (GRAVIES).
H B Trifiro, B S Miller
J Home Econ 63 (11): 44-53, ref. Jan 1971.
321.0 J42
Food preparation, Food quality, Gravies, Sauces.
Abstract: Physical characteristics of gravies made with different flours and by different methods. Effects of some ingredients and heating time on viscosity, as well as reasons for failure are discussed.

1421-73

FAST SANDWICH MAKING (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. 1970.
TX818.F3 F+M AV
Sandwich-making, Sandwiches.
With study guide. For use in Fairchild cassette projector.
Abstract: Shows importance of planning and how to organize for fast action in cold sandwich production. Stresses time and labor saving approaches and teamwork. Demonstrates, step by step, efficient sandwich-making methods that do not sacrifice quality for quantity. Includes proper techniques of using sandwich-making tools.

1422-73

FINGER FOOD INDUSTRY-NEW LIFE FOR JARED MENUS.
Bruce Salth
Food Serv 32 (9): 27-34, Sept 1970.
389.2533 F732
Commercial food service, Convenience foods, Food symbolism, Merchandising, Sandwiches, Take-out foods.
Abstract: Hand-held foods have a psychological appeal, freeing the customer from traditional constraints, according to the author, "finger foods: mean fun, freedom, and mobility." International specialties are described and shown in photographs. Proper containers for modern finger foods include both paper and foil products, and edible containers such as cones, pits, shells, and other baskets.

1423-73

FISH (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].
TX747.F52 FCM AV (Vocational Library: homemaking--food preparation series)
Cooking instructions, Cooking methods, Fish, Food preparation, Food selection.
For use in a Technicolor cassette projector.
Abstract: This film shows how to identify fresh fish and how to cook them. The freshness criteria illustrated are clear, bright, bulging eyes; clean, reddish-pink gills; a firm, slightly springy body; and tight, shiny body scales. Various cooking methods are shown: baking, frying, and broiling. Methods of pre-cooking preparation are also shown.

1424-73

FISH AND SHELLFISH PREPARATION (FILM LOOP).
Harrisset Training Consultants
Washington, Harrisset Training Consultants 1 cassette, 35mm, sd, col, 14 min. [n.d.].
TX747.F5 FCM AV
Animal sources of food, Fish, Food preparation, Food storage, Foods instructions, Shellfish.
For use in Mastermatic projector.
Abstract: This filmstrip is intended to train cooks and other food service personnel in the correct handling and preparation of fish and shellfish. The various classes of fish and shellfish are explained, and instructions are given on how to handle and store them.

1425-73

QUANTITY FOOD PREPARATION AND SERVICE; INSTRUCTOR'S GUIDE.
Florida, Dept. of Education
Dorothy Jones
Tallahassee, Fla. 458 p. 1969.
TX820.F55 FCM
Food preparation and distribution systems, Food preparation, quantity, Food quality, Menu planning, Safety, Sanitation, Standardized recipes.
Extract: This course is designed primarily for training school food service personnel in quantity food production and service. The emphasis is placed on principles and methods of quality food production in quantity. The principles and methods are to be taught in part through the use of demonstrations. To test the students' abilities to apply the information, it is suggested that the demonstration be followed with laboratory experience. It is recommended that only the food items representing the principles being taught at the time be prepared in the laboratory (school food service kitchen) by the students. The preparation of food items whose principles and methods are different from those being taught will only serve to confuse the student. If there is a need for other menu items, these should be prepared at a different time by other individuals.

1426-73

FOOD SERVICE MANAGERS LOCATE IT EASILY; IT'S MAKING A CHOICE THAT'S DIFFICULT.
Quick Frozen Foods 33 (9): 68-71, 82, Apr 1971.
389.0 04
Conferences, Frozen foods, Marketing.
Abstract: At the 4th annual Midwestern Frozen Food Association Buffet, over 2,000 prospective customers sampled a wide range of products, including entrees, side dishes, ethnic foods, desserts, meats, and vegetables. The buffet offered operators "a chance to formulate what is the most complete all-frozen menu in history."

1427-73

FOOD SYSTEMS ARE PROVIDING HOT LUNCHES FOR MASSACHUSETTS SCHOOL CHILDREN.
Modern Schools pp. 4-6, Apr 1972.
L83243.M6
Convenience foods, Frozen foods, Massachusetts, Prepackaged portioning, School food service.
Abstract: The use of prepackaged frozen meals, electric convection ovens, refrigerators, and freezers has made hot lunches possible in all schools in Massachusetts.

1428-73

FORCED CONVECTION ROASTING AT 200 DEGREES AND 300 DEGREES F.
Marilyn McCammon Davenport, Bernadine H Meyer
J Am Diet Assoc 56 (11): 31-33, Jan 1970.
389.0 AM34
Beef, Cooking methods, Food yields, Palatability ratings, Roasting.
Abstract: The effects of roasting U.S. good boneless beef sirloin butts by forced convection at 200 degrees and 300 degrees F. were compared. Eight pairs of roasts were cooked to an internal temperature of 165 degrees F. The lower oven temperature resulted in longer cooking time per pound and lower total cooking losses; greater yield of usable meat; and lower cost per serving. Oven temperature did not affect shear values or sensory ratings of tenderness, juiciness, and flavor.

1429-73

FOOD FOR 50; 5TH ED.
Sina Faye Fowler, Bessie Brooks West, Grace Severance Shugart
New York, John Wiley & Sons 548 p. 1971.
TX820.F65 FCM
Cooking instruction, food preparation, quantity, Food substitutions, Measurement, Menu planning, Recipes, Standardized recipes.
Abstract: Although initially designed as a college text for beginning students in quantity food preparation, it is also a guide for food service employees. The first part of the book deals with general information--amounts of food to serve, weights and measures, food substitutions, baking temperatures, and the like. The second part of the book gives recipes for all manner of dishes.

1430-73

FRESH VEGETABLE COOKERY...STOCKLI'S "SPLENDID FARE".
Cooking For Profit 40 (249): 27-29, 36, Sept 1971.
TX901.C6
Cooking methods, Restaurants, Salads, Soups, Vegetables.
Abstract: Gourmet methods of preparing vegetables, salads, and soups.

1431-73

FROM THE GREAT MIDWEST.
Food Serv 34 (10): 25-31, Oct 1972.
389.2538 F732
Convenience foods, Cookery, American, Merchandising, Vegetables.
Abstract: Midwestern beef is a byword of excellence. However, emphasis here is on the second most popular food of the Midwest--vegetables. Research has revealed the need for upgraded and expanded vegetable service to help the cost of rising meat prices. Many processors feel that being located near the raw food source is a key component of ultimate quality in the preserved food. Consequently, many of their processing operat-

lens are in the heart of primarily agricultural areas. Frozen, fresh, and canned fruits and vegetables are used in the items featured in this article.

1432-73

FROM THE BOUNTY OF CALIFORNIA.

Food Serv. 34 (8): 23-27. Aug 1972.

389.2538 F732

California; Convenience foods; Food service; Merchandising; New products.

Abstract: California promotes an attitude of innovation since there are so many foods available year around: almonds, artichokes, beef, Brussels sprouts, cling peaches, fish, lamb, lemons, oranges, pears, raisins, rice olives, seafood, strawberries, many vegetables, iceberg lettuce, and wine. Color pictures illustrate lettuce with artichoke hearts, squid vinaigrette, shrimp-topped toast rounds, strawberries in cream, glazed almond cake with fruit topping, brown cocktail and other innovative dishes. Indeed, "California is consumer land incarnate."

1433-73

FROZEN MEALS, INDIVIDUALLY PREPARED IN FOIL PACKS, CUT COSTS BY 35%.

Quick Frozen Foods 33 (10): 72. May 1971.

389.8 04

Convenience foods; Food packaging; Food programs; Frozen foods; Military food service.

Abstract: This article describes a new feeding system used by the U.S. Air Force. Portions of frozen prepared foods are packed in individual formed-aluminum containers and can be easily shipped to out-of-the-way places in refrigerated vehicles.

1434-73

FROZEN PRE-PLATED MEALS SOLVE PROBLEM OF FEEDING UNDERPRIVILEGED PUPILS.

Quick Frozen Foods 34 (11): 47-43. June 1972.

389.8 04

Food delivery systems; Free lunches; Frozen foods; Ohio; Prepackaged portioning; School food service.

Abstract: By using almost 100 per cent frozen convenience foods, the Cleveland Board of Education is providing free hot lunches to thousands of children from low-income families. Its central kitchen staff operates a frozen food production line that produces many economical benefits despite high labor costs.

1435-73

GELATIN MOLD (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECH.

McGraw-Hill Films, Inc.

Wellesley, Mass.; Kevic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].

TX773.G4 FEN AV (Vocational Library: homemaking--food preparation series)

Cooking instructions; Food preparation; Gelatin.

For use in a Technicolor cassette projector.

Abstract: This film demonstrates the techniques for making and unmolding a gelatin mold. The "quick-sat" method of shortening chilling time is also shown.

1436-73

FOOD PREPARATION FOR SCHOOL FOOD SERVICE PERSONNEL; COURSE OUTLINE (WITH APPENDICES).

Georgia; Dept. of Education; Office of School Administrative Services; School Food Services Unit

Atlanta 80 p. 1970.

TX820.G4 FEN (School lunch 4)

Breads; Cooking techniques; Curriculum guides; Food preparation; Quantity; Food service training; Inservice education; Protein foods; School food service; Work simplification.

Revised edition.

Extract: This course of study assists participants in developing an appreciation and understanding of the contribution made by quality food preparation to the health and well-being of Georgia's school students. In it, participants will learn to determine the necessary quantities of food for stated numbers of diners and will develop an understanding of basic principles and techniques of preparing large quantities. These principles and techniques will be applied, along with the basic sanitation principles and necessary accountability functions, toward producing finished products which may be favorably evaluated by applying accepted product standards. Some short cuts in food preparation are given, as are the basics of organization and planning. The outline of the total course is divided into 16 units, each designed for a 4-hour class period.

1437-73

GIVE YOUR EGGS A BREAK (FILM LOOP).

National Educational Media, Inc.

Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. 1967.

TX383.G5 FEN AV

Cooking methods; Eggs; Food preparation.

With study guide. For use in Fairchild cassette projector.

Abstract: Shows successful procedures in care and handling of eggs and how to prepare six basic egg dishes: omelet, scrambled, boiled, fried, poached and shredded. Emphasizes proper storage temperature. Separation of eggs from odorous foods, and techniques for distinguishing fresh eggs from old eggs.

1438-73

GLORIOUS GARNISHES: FOCUS ON FOODS AUG 1.

Eulalia Blair

Inatit/vol Feeding 65 (15): 47-49. Aug 1, 1971.

TX820.15

Cookery; Cooking techniques; Garnishes; Miscellaneous foods. Abstract: This article is all about garnishes and how to choose the right one for the right dish. Various garnishes are described in terms of their flavor, texture, shape, and size, and suggestions are given on how to arrange them.

1439-73

THE GREAT AMERICAN MENU MIX.

Bruce Smith

Food Serv. 34 (1): 27-31. Jan 1972.

389.2538 F732

Convenience foods; Cookery; American; Cooking techniques; Marketing; Merchandising; Processed foods; Recipes.

Abstract: This article suggests trends for the future in marketing and merchandising a wide variety of convenience foods representing the cuisine of the United States. Dishes from different regions of the U.S. are pictured and food processors are warned not to restrict their products to the narrow "hamburger--and-French fries" syndrome.

1440-73

GROUND BEEF: PASSPORT TO FAR-AWAY EATING (FILMSTRIP); EVAPORATED MILK ASSOCIATION IN COOPERATION WITH THE AMERICAN DAIRY ASSOCIATION. RELEASED BY EVAPORATED MILK ASSOCIATION.

Evaporated Milk Association

Washington; Evaporated Milk Association 1 filmstrip, 36 Fr., sl, 39mm, col. 1969.

TX749.G7 FEN AV

Beef; Food preparation; Foods instruction; Hamburgers; Main dishes; Meat; Milk products; Recipes.

With leaflet and teacher's guide. Credits: Photography, A. George Miller; Music courtesy, Rand McNally and Co.

Abstract: This filmstrip was developed by the Evaporated Milk Association to inform people of the varied uses that can be made of evaporated milk. It demonstrates the excellence of evaporated milk as a binder in preparing a wide variety of dishes. A basic recipe for meat balls using evaporated milk as the binder is first given; then the film shows how the recipe can be used to create dishes both domestic and foreign.

1441-73

THE HAMBURGER SANDWICH (FILM LOOP).

National Educational Media, Inc.

Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. 1969.

TX818.H3 FEN AV

Broiling; Grilling; Hamburgers; Sandwiches.

With study guide. For use in Fairchild cassette projector.

Abstract: Demonstrates imaginative ways to prepare and present this highly popular sandwich. Shows efficient organization of work area and procedures for grilling and broiling. Special emphasis given to creative presentation techniques through use of cheeses, garnishes and numerous accompaniments; twenty-one variations are shown.

1442-73

HAMBURGERS (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.

McGraw-Hill Films, Inc.

Wellesley, Mass.; Kevic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].

TX749.H3 FEN AV

(Vocational Library: homemaking--food preparation series.)

Cooking instructions; Food preparation; Hamburgers.

For use in a Technicolor cassette projector.

Abstract: This film demonstrates the technique for shaping and pan broiling hamburgers.

1443-73

HERDES & SUBMARINES - NEW LIFE FOR JAWED MENUS.

Food Serv. 32 (6): 29-33. June 1970.

389.2538 F732

Marketing; Merchandising; Sandwich-making; Sandwiches.

Abstract: This article consists primarily of photographs of the large sandwiches known as herbes, submarines, poor boys, grinders, etc. The text describes marketing.

1444-73

HIDE THE LIVER!

H J Jennings

Sch Foodserv J 26 (1.e.25, 4): 70-71. Oct 1971.

389.8 SCH6

Food preparation; Liver; Main dishes; Organ meats; School lunch programs.

Abstract: Ways in which liver may be substituted for part of the meat in many main dishes.

1445-73

HOLDING ROAST BEEF BY THREE METHODS.

Mary Ann Boyle; Kaye Funk

J Am Diet Assoc 56 (1): 34-38. Jan 1970.

389.8 AM34

Beef; Food preparation; Quantity; Food quality; Food storage; Food yields; Palatability ratings.

Abstract: The quality characteristics of roasts held sliced and unsliced over dry heat for 90 minutes or refrigerated for 24 hours and reheated were compared with roasts served immedi-

PAGE 117

1446-73

ately. Roasts served immediately and roasts held unsliced received similar scores for aroma, color, and flavor of lean, flavor of fat, juiciness, and tenderness; all scores were higher than those for roasts held sliced and roasts refrigerated and reheated. Percentages of press fluid followed the same general pattern. Shear-pressure values of tenderness indicated no significant differences among treatments. Ranked in the order of increasing losses were roasts served immediately, roasts held unsliced and sliced, and roasts refrigerated and reheated. The percentage of servable meat increased as the losses decreased. On the basis of this investigation, it is recommended that roasts be served immediately after cooking to insure the highest quality. To provide the most acceptable product when refrigerating is necessary, roasts should not be sliced.

1446-73

HOSPITAL FOOD HANDLING (FILM LOOP).
Trainex Corporation
Gordon Grove, Calif., Trainex Corp. 1 cassette, 16mm, sd, cel, 17 min. 1968.
RA975.5.05H6 FEN AV (The Hospital food service series)
Food delivery, Food preparation, Food service training, Hospital food service, Portion control, Storage.
For use in Audiscin Projector.
Abstract: Part one of this filmstrip covers receiving and storage. Part two covers food preparation and portion control.

1447-73

HOT BREADS, A PROFITABLE "EXTRA".
Cooking for Profit 41 (254): 56-57, Feb 1972.
TX901.C5
Breads, Commercial food service, Recipes, Restaurants.
Abstract: Appetite appeal of fresh hot bread is an impelling reason for patrons to return to a restaurant over and over again; includes recipe for "man-tastic stag sandwich".

1448-73

HOT LUNCHES ARE WITHIN EASY REACH.
Modern Schools D. 4-6, Mar 1972.
LB3243.76
Cold Tray Pack, Convenience foods, Food delivery systems, Prepackaged portioning, Satellite, School food service, Type A lunch.
Abstract: Well balanced lunches can be provided with a mixture of frozen cold packs and hot packs, the former thawed and the latter heated, and cartons of milk. This article describes the convenience of this type of food service when arranged on a satellite or other basis.

1449-73

HOW TO MAKE A BETTER FISH SANDWICH.
Cooking for Profit 41 (261): 58-59, Sept 1972.
TX901.C6
Commercial food service, Fish, Food preparation, Sandwich-making.
Abstract: Techniques and new ideas for fish sandwiches.

1450-73

HOW TO PREPARE AND BREAD FISH AND SEAFOOD.
Cooking for Profit 41 (261): 39-41, Sept 1972.
TX901.C5
Commercial food service, Fish, Food preparation, Shellfish.
Abstract: Techniques for brooding fish and shellfish.

1451-73

HOW TO SERVE 6000 BLUE COLLAR WORKERS.
Food Mgt 3 (2): 54-55, Feb 1973.
TX943.F6
Food preparation, Quantity, Food service.
Abstract: This article describes how the Macke Company's plant in Carrollton, Georgia solved the problem of providing a massive quantity of food for its workers attending the annual Christmas party and the July Fourth barbecue. The plant has no kitchen facilities, no hot or cold running water, and no special dining area. Prepared food solved the kitchen problem, and guests made use of the factory's rooms and equipment for dining.

1452-73

MURRAY FOR THE CLOCKWORK ORANGE!
Food Serv 34 (6): 36-42, June 1972.
389.2538 F732
Citrus fruits, Fruits, Garnishes, Merchandising, Salads.
Abstract: Citrus fruits have btl. taste appeal and nutritive value. Handling and storage tips are given. Recipes featuring citrus (served in famous restaurants) are described - garnishes, salad dressings, appetizers, entrees, salads, beverages, and desserts. The versatility of oranges, lemons, tangerines, and grapefruit in fruit cues and other desserts is portrayed in color photographs. Orange and lemon garnishes in various shapes are sketched.

1453-73

IN CAKE MERCHANDISING, EASY DOES IT!
H. Senstadt
Cooking for Profit 40 (247): 23-29, Jul 1971.
TX901.C6
Cakes, Commercial food service, Costs, Food service industry, Frozen foods.
Abstract: Use of frozen, decorated cakes for desserts in the commercial food service industry.

1454-73

BAKING IN THE SCHOOL LUNCH PROGRAM.
Kansas, Wheat Commission, Foods and Nutrition Division
Hutchinson, Kan. 7 p. In.d.l.
TX765.K3 FEN
Baking, Breads, School lunch programs.
Abstract: The information compiled in this booklet is designed to furnish you with the purpose and function of each ingredient in bread-baking.

1455-73

KANSAS STATE DEVELOPS DRY MIX FOR YEAST BREAD.
J. Wallman, V. Strohm, R. Middleton
Sch Foodserv J 26 (10): 64-65, 67, 69-70, Nov/Dec 1972.
389.8 SCH6
Breads (Yeast), Equipment, Food preparation.
Abstract: Dry mix for yeast bread was developed and has been tested many times. Formula and procedures are given, as well as quantities and processes and equipment for various size batches and varieties.

1456-73

ELEMENTS OF FOOD PRODUCTION AND BAKING.
Aaron Kaplan
New York, ITT Educational Services, Inc. 310 p. 1971.
TX820.K34 FEN (Hotel-Motel Management Series)
Baking, Convenience foods, Equipment, Food preparation and distribution systems, Food preparation, quantity, Microwave cooking, Safety, Sanitation, Teaching guides.
With a teacher's manual (145 p.) and a workbook (155 p.).
Abstract: This textbook provides basic information on cooking and baking methods that can be used with particular foods: soups and stocks; meats; seafoods; poultry and game; vegetables and fruits; eggs and cheese; salads; hors d'oeuvres and sandwiches; pies and pastries; cakes and cookies, desserts; and coffee and tea. Chapters on sanitation and safety and on convenience foods and microwave ovens are also included.

1457-73

KIDS ARE EATING "AIRLINE" LUNCHES.
Food Nutr 2 (1): 10-12, Feb 1972.
TX341.F615
Equipment, Food service, Frozen foods, School lunch programs.
Abstract: Low cost equipment package for prepacked, frozen school lunches, easy to handle in the oldest, smallest schools.

1458-73

STANDARDS, PRINCIPLES, AND TECHNIQUES IN QUANTITY FOOD PRODUCTION. 2d ed.
Londai H. Katschevar
Berkeley, Calif., McCutchan 708 p. illus. 1966.
TX820.K585 FEN
Baking, Food preparation, quantity, Food service management, Manuals, Menu planning, Sanitation, Work simplification.
Abstract: In this resource book, the standards, principles and techniques of quantity food production are discussed in non-technical language for both the manager and worker in food services. This is not a cookbook, but rather an explanation of the what, why, and how behind the use of recipes, to show how the fine techniques of the continental chef can be adapted to modern methods of food production. This book is divided into three sections. The first discusses management principles in the production of food in quantities, explaining cost, quantity and quality controls, menu planning, work methods, sanitation, and cleaning. The second section discusses the why and what behind the production of meats, fish, and poultry, beverages, vegetables, eggs, and dairy products. The third section discusses a wide variety of bakery items, including breads, cookies, cakes, frostings, pies, pastries, and other desserts.

1459-73

UNDERSTANDING COOKING.
Donald E. Lundberg, Londai H. Katschevar
Amherst, Mass. 381 p. 1965.
TX663.L8 FEN
Batters and doughs, Cooking instruction, Food preparation, Frying, deep fat, Miscellaneous foods, Programmed instruction, Salads.
Revised.
Abstract: The material in this textbook is programmed so that each new skill or concept is immediately reinforced. Lessons are divided into (1) the general process of cooking, (2) frying, (3) meat cookery, (4) poultry and game cookery, (5) fish and shellfish, (6) eggs, (7) vegetables, (8) sauces, (9) baked goods, (10) soups, (11) salads and dressings, (12) cooking terms.

1460-73

THE MAGIC OF SAUCERY.
J. Carr
Fast Food 71 (12): 55-60, Dec 1972.
389.2538 F82
Food preparation, Food service industry, Prepared foods, Sauces.
Abstract: Use of commercially prepared sauces, with numerous suggested variants, in commercial food preparation.

1461-73

FROZEN FOODS IN FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Kirby H. Hayes

PAGE 11A

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- Amherst, Mass. 23 p. 1970.
TX628.M3 F64 (Massachusetts. University. Cooperative Extension Service. Food management program leaflet 2)
Food delivery, Food grades, Food preparation, Food purchasing, Food service management, Frozen foods, Refrigeration.
Abstract: Effective use of frozen foods requires a good knowledge of their advantages and disadvantages. It also requires the use of appropriate ordering, handling, storing, preparation, and cooking procedures. It is the purpose of this leaflet to suggest how frozen foods can be best used.
- 1462-73
MEASURING AND TASTING COOKING (FILM LOOP); MADE BY MORELAND-LATCHFORD PRODUCTIONS. DISTRIBUTED BY STERLING EDUCATIONAL FILMS, INC.
Moreland-Latchford Productions, Ltd.
Toronto, Moreland-Latchford Productions, Ltd. 1 cassette, super 8mm, sl, col, 5 min. 1967.
TX652.M4 F64 AV (Preparing to cook series)
Cookery, Cooking instruction, Cooking methods, Cooking techniques, Recipes, Standardized recipes.
For use in a Technicolor cassette projector.
Abstract: This motion picture presents techniques of cooking, specifically the use of cooking terms and the skill of measuring. It explains how to read a recipe, how to measure various kinds of ingredients, and how to mix and blend ingredients.
- 1463-73
MEAT SELECTION AND PREPARATION (TRANSPARENCIES).
Sarah Sheffner, Barbara Clusen
Minnesota Mining and Manufacturing Company, Visual Products Division
St. Paul, Minnesota Mining and Manufacturing Co. 23 transparencies, color, 8 1/2 x 11. 1972.
TX749.M4 F64 AV
Cooking methods, Cooking techniques, Food preparation, Food selection, Food storage.
For use with overhead projector. Includes a teacher's guide.
Abstract: This kit of transparencies deals with meat--how to select good quality meat, keep and store it, and cook it, the cooking methods included are roasting, broiling, pan-broiling, braising, stewing, frying, and deep-fat frying.
- 1464-73
MERCHANDISING SCHOOL LUNCH.
Sch Lunch J 24 (5): 11. Sept 1970.
369.8 SCH6
Commodities, Merchandising, School lunch programs.
Abstract: Reexamination of approaches to merchandising school lunches.
- 1465-73
MICROWAVE COOKING IN MEAL MANAGEMENT.
D Davis, D E Pratt, E F Rober
J Home Econ 63 (2): 97-100. Feb 1971.
321.8 J82
Cooking methods, Food preparation, Home management, Microwave cooking.
Abstract: Comparison of microwave with conventional cooking in time and taste, flavor, appearance, texture, and moisture. Tests of comparable acceptability. Combination of the two methods the most efficient.
- 1466-73
MODERN SANDWICH METHODS (FILMSTRIP/PHONODISCS); MADE BY PILOT PRODUCTIONS FOR AMERICAN INSTITUTE OF BAKING.
American Institute of Baking
Chicago, Pilot Productions 1 filmstrip, 172 Fr., col, 35mm and 2 phonodiscs. 1968.
TX816.M5 F64 AV
Food preparation, Quantity, Food service training, Sandwich-making, Sandwiches, Work simplification.
Includes instructions, notes for each frame, and 24 page manual.
Abstract: This filmstrip is designed to help food services to develop easier, faster, and better procedures for large quantity sandwich making.
- 1467-73
SIMPLIFIED MANUAL FOR COOKS.
Frank D Moosberg
Des Moines, Frank D. Moosberg 233 p. illus. 1968.
TX620.M5 F64
Cooking equipment (Large), Cooking equipment (Small), Cooking instruction, Food preparation, Quantity, On the job training, Study guides, Vocational education, Work simplification.
Abstract: This on-the-job manual for food service cooks and trainees contains basic instruction on all aspects of kitchen work. It begins with chapters on sanitation, safety, and hygiene, as well as kitchen efficiency, getting along with fellow workers, and scheduling. The section on kitchen equipment discusses in detail how to use, clean, and care for culinary tools. Each of these preceding sections are applied to the main section dealing with individual foods and how to cook them. Recipes are given that make use of new products and prepared foods.
- 1468-73
MUFFINS (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Raybar House 1 cassette, super 8mm, sl, col, 4 min. (n.d.).
TX769.M5 F64 AV (Vocational Library: homemaking--food preparation series)
Baking, Batters and doughs, Cooking instruction, Muffins.
For use in a Technicolor cassette projector.
Abstract: Muffins are a native American bread that can be served hot with a variety of spreads. This film demonstrates the techniques used in preparing the basic batter, mixture. Basic measuring techniques are reviewed.
- 1469-73
THE NAMES IN THE COOKING GAME (FILMSTRIP); MADE BY PILOT PRODUCTIONS FOR EKCO HOUSEWARES COMPANY.
Ekco Housewares Company
Chicago, Pilot Productions 1 filmstrip, 71 Fr., sl, 35mm, col. (n.d.).
TX681.M3 F64 AV
Cooking instruction, Vocabulary.
Includes script and teacher's guide, 35 booklets and 35 tests.
Abstract: This filmstrip illustrates and explains various common terms used in cooking.
- 1470-73
"...AND SHE DOES IT SO EASILY AND SO WELL".
National Dairy Council
Margaret Jane Snyder
Chicago, Ill. 29 p. 1970.
TX355.M322 F64
Food purchasing, Foods instruction, Menu planning, Nutrition education, Recipes.
Abstract: This booklet, "dedicated to the many young women who are eager to plan, prepare, and serve delightful, healthful meals in their homes," shows them how to do it.
- 1471-73
COOKING IS FUN.
National Dairy Council
Miriam H Grubaker
Chicago, Ill. 15 p. 1971.
TX652.M3 F64
Activity learning, Cooking instruction, Elementary education.
Extract: This little book is written for young children as an incentive for them to learn to prepare a few simple foods. They will need help when reading some of the words, as it is not possible to write a book easy enough for them to read independently that contains words necessary for cooking, such as measure, sift, recipe, and others. Such words are not included in their early readers at school. Children will enjoy the chance to do some of the things they read about in this book and will learn about foods as they work. Help from adults is emphasized because children need guidance in beginning to cook and in learning caution and safety. A spirit of working together will make this a happy experience for all.
- 1472-73
NEW CANDIDATES FOR YOUR RECIPE FILE.
American Institute of Baking, Consumer Service Department
Sch Lunch J 24 (7): 90, 92, 94-96. Jul/Aug 1970.
369.8 SCH6
Main dishes, Recipes, School food service.
Abstract: Three main dish recipes and one sauce for the sautéed leaf recipe are offered; 48 servings each.
- 1473-73
NEW FOODS FOR THE FRY KETTLE.
Cooking for Profit 41 (26): 46. Sept 1972.
TX901.C6
Commercial food service, Food preparation, Frying, deep fat, Meat, Vegetables.
Abstract: Suggestions for deep fat frying vegetables and new meat products, with garnishes and side orders.
- 1474-73
A MANUAL FOR EMERGENCY MASS FEEDING INDOORS.
New Hampshire, University, Cooperative Extension Service
Durham, N.H. 33 p. 1968.
TX946.M4 F64 (New Hampshire, University. Cooperative Extension Service. Extension circular 394)
Civil defense and disasters, Emergency feeding, Food preparation, Quantity, Menu planning, Sanitation.
Revised.
Abstract: Adequate emergency feeding is a necessity in the wake of disaster. This circular is directed primarily at homemakers. It divides the work of emergency feeding into five parts: planning the menu, procuring the food, preparing the meal, serving the meal, and cleaning up. Step-by-step procedures are given for each part, with equipment and personnel needed and exceptional procedures to be used in extraordinary circumstances.
- 1475-73
COMMUNITY MEALS.
New Hampshire, University, Cooperative Extension Service
May E Foley
Durham, N.H. 39 p. 1952.
TX946.M42 F64 (New Hampshire, University. Cooperative Extension Service. Extension circular 131)
Community feeding centers, Food preparation, Quantity, Menu planning, Recipes.
Revised.
Abstract: This booklet offers suggestions for planning and producing community meals that will compete successfully with

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PAGE 119

1476-73

restaurants and home cooking and will make money for the sponsor.

1476-73

QUANTITY FOOD PRODUCTION MANAGEMENT: INSTRUCTOR'S GUIDE.
North Carolina, Dept. of Public Instruction
Raleigh, N.C. 221 p. 1966.
TX820.N6 F6N
Food cost analysis, Food preparation, Quantity, Food service training, Menu planning, School food service, Teaching guides.
Abstract: This is the fourth in a series of basic course outlines for use in training school food service personnel on a uniform, state-wide basis. This course is designed to convey information regarding standard methods of food production in quantity, menu planning for institutions, determination of food costs, and experience in food service.

1477-73

A NOTHING LUNCH PROGRAM BECOMES REALLY SOMETHING - AT DECENT COST.
Amer. School Board J 163 (1): 43-45, Jan 1973.
L82831.A4
Food preparation and distribution systems, New Jersey, Satellite, School lunch programs.
Abstract: Bridgeton, New Jersey's, five nineteenth-century school buildings needed kitchen renovation at a cost of \$75,000-\$100,000 a school. Instead, a satellite system for all the schools was installed for a total cost of \$70,000. The system utilizes a central kitchen, individual aluminum trays for hot portions and clear plastic containers for cold, and one compact convection oven in each school.

1478-73

SALADS AND VEGETABLES.
Oklahoma, Dept. of Education, School Lunch Division
Oklahoma City, Okla. 38 p. 1959.
TX801.039 F6N
Food preparation, quantity, Inservice education, Salads, School food service, Vegetables.
Revised.
Abstract: The salad/vegetable course of study for the Oklahoma School Lunch Program has been developed for use in teaching a 40-hour (five sessions) training course in the principles of salad and vegetable preparation.

1479-73

OMELET (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. (n.d.).
TX745.J4 F6N AV (Vocational Library: homemaking--food preparation series)
Cooking instruction, Eggs, Food preparation.
For use in a Technicolor cassette projector.
Abstract: A basic omelet consists of eggs, milk and salt blended in various proportions and cooked in butter over low heat. A special curved-sided omelet skillet is used. This film shows the basic cooking technique for an omelet.

1480-73

RECOMMENDATIONS ON COFFEE SERVICE.
Pan American Coffee Bureau, Coffee Brewing Center
New York 11 p. (n.d.).
TX817.C66 F6N
Coffee, Food preparation, Serving equipment.
Abstract: This booklet includes a step-by-step review of the recommendations put forth by the Coffee Brewing Center on all aspects of coffee brewing.

1481-73

PANCAKES (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. (n.d.).
TX661.P3 F6N AV (Vocational Library: homemaking--food preparation series)
Batters and doughs, Cooking instruction, Pancakes.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates the techniques for the preparation and cooking of a basic pancake batter. An electric skillet is advantageous for pancake cooking since it maintains an even heat. The operation of an electric skillet is shown.

1482-73

THE PARENT PRODUCT.
Bruce Smith
Food Serv 34 (11): 29-42, 70, Nov 1972.
389.2538 F732
Cooking methods, Cooking techniques, Food preparation, Menu planning, Merchandising, Prepared foods.
Abstract: "Parent product" is the name for basic prepared foods which can be used for more than one menu item. This concept illustrates basic premises of simplified food preparation: (a) convenience foods eliminate many steps required when food is prepared from scratch, (b) quality pre-prepared foods allow creativity - imaginative sauces, garnitures, go-with items, and so forth, (c) food waste is reduced, and (d) the battery of food preparation equipment is streamlined into realistic operational systems. Several pre-prepared products are pictured and a variety of menu merchandising ideas are

given. Directions for preparation are available from the magazine.

1483-73

THE PAST IS PRESENT.
Bruce Smith
Food Serv 34 (6): 29-34, June 1972.
389.2538 F732
Convenience foods, Cookery, American, Food service, History, Merchandising.
Abstract: Market-oriented food service operators are turning to the nation's past; foods that provided security, hunger appeasement, and excitement for our forebears are presented in today's convenience forms. Color photographs illustrate easy menu items, including jelly rolls and colorful ice cream combinations reminiscent of the old ice cream parlor. Also, spices and herbs that have played an important role in American dishes are listed with suggestions for use.

1484-73

THE PHILADELPHIA PLAN--LUNCH IN A CAN.
T Fliskett
Sch Foodserv J 25 (7): 118-120, 122-123, Jul/Aug 1971.
389.8 SCH6
Canned foods, Children, Food service, School lunch programs.
Abstract: Econo-Lunch is a new canned food service system which offers a solution to the problem of feeding children new in schools with no facilities.

1485-73

PINWHEEL SANDWICHES (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. (n.d.).
TX818.P5 F6N AV (Vocational Library: homemaking--food preparation series)
Cooking instruction, Food preparation, Sandwich-making.
For use in a Technicolor cassette projector.
Abstract: Pinwheel sandwiches are made of buttered bread covered with a smooth filling dotted with stuffed olives. The step-by-step procedures are demonstrated in this film.

1486-73

PLANNED MERCHANDISING SELLS WINE FOR RED COACHES.
Cooking for Profit 40 (250): 69-70, Oct 1971.
TX901.C6
Commercial food service, Merchandising, Restaurants, Training, Wine.
Abstract: Employees trained by a wine company helped restaurant personnel sell wine to customers of a commercial quality food service chain.

1487-73

POCONO PRODUCE INCREASES FF VOLUME BY SELLING A CONVENIENCE CONCEPT.
Jeff Hester
Quick Frozen Foods 33 (8): 76-80, Mar 1971.
389.A Q4
Convenience foods, Food preservation, Food service, Frozen foods, Marketing, Merchandising.
Abstract: Pocono Produce Company "brings food service operators to its warehouse to order, watch preparation of, and consume a meal consisting of frozen convenience products." The article tells how effective this is as a volume sales technique.

1488-73

A PORTFOLIO OF KITCHEN FUNDAMENTALS.
Cooking for Profit 40 (251): 24-26, 28, 30-31, 42, Nov 1971.
TX901.C6
Baking, Commercial food service, Cooking methods, Food preparation, Frying, deep fat, Salads.
Abstract: Practical manual of food preparation basics designed to insure consistent quality despite high labor turnover. Includes tables and charts for the fry station, salad department, and bake shop.

1489-73

POTATO MAGIC FOR PROFESSIONALS.
Cooking for Profit 41 (261): 50-54, Sept 1972.
TX901.C6
Commercial food service, Convenience foods, Food preparation, Potatoes, Recipes.
Abstract: All facets of the potato as a convenience food for commercial food service, together with recipes.

1490-73

POTATOES ADD A SALES BONUS.
Nancy Snyder
Inst/vol Feeding 70 (6): 77-79, Mar 15, 1972.
TX820.15
Cookery, Cooking methods, Cooking techniques, Potatoes.
Abstract: Baked and fried potatoes are the subject of this article--how to cook them and how to serve them.

1491-73

POULTRY PREPARATION (FILM LOOP).
Marriott Training Consultants
Washington, Marriott Training Consultants 1 cassette, 35mm, sd, col, 12 min. (n.d.).
TX375.P6 F6N AV

- Animal sources of food; Food grades; Food preparation; Food storage; Poultry.
For use in Montessori projector.
Abstract: For use in training cooks and other food service workers; this filmstrip explains the inspection, grading, and classification of poultry. Instruction is also given on methods of handling and storing poultry.
- 1492-73
A PRACTICAL FORMULA FOR SUCCESSFUL WINE BUSINESS.
J R Myers
Cooking for Profic 40 (250): 33-35, 44, 46, 48. Oct 1971.
TX901.C6
Food service industry; Hospital food service; Merchandising; Restaurants; Wine.
Abstract: Careful wine service is boosting demand for wines in the U.S. Wine cost analysis and menu pricing included.
- 1493-73
PREPARING A CUSTARD (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBOR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass.; Kovic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].
TX773.P7 F6N AV [Vocational Library: homemaking--food preparation series.]
Cooking instructions; Custard; Food preparation.
For use in a Technicolor cassette projector.
Abstract: Custards are basically mixtures of milk and eggs, sweetened and flavored and cooked over hot water. This film provides a basic recipe for two cups of custard and shows the steps involved in its preparation.
- 1494-73
PREPARING A STEW (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBOR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass.; Kovic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].
TX693.P7 F6N AV [Vocational Library: homemaking--food preparation series.]
Beef; Cooking instructions; Food preparation; Stewing.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates the basic technique involved in preparing beef for stewing. Trimming, seasoning, and browning are shown.
- 1495-73
PREVENTING FOOD SPOILAGE (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC.
ROCOM
Los Angeles; Comprenetics 1 cassette, super 8mm, sd, col, 15 min. 1970.
TX601.P7 F6N AV [Health employee learning program]
Food containers; Food preservation; Food service training; Food spoilage; Food storage; Hospital food service; Refrigeration.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This film shows why food spoils, and how the food service worker can control spoilage by storing and serving food in a way that retards the growth of bacteria.
- 1496-73
PREVENTING WASTE (FILM LOOP). (SPA)
National Educational Media, Inc.
Hollywood; National Educational Media 1 cassette, super 8mm, sd, col, (in Spanish). 1969.
TX357.P7 F6N AV
Economic education; Food waste measures; Portion control.
With study guide.
Abstract: Cleverly dramatizes ways to avoid wasteful practices and save money in all food service operations. Personified as a villainous and shadowy figure, The Waster is shown discarding perfectly good foods, ignoring portion control, and being wasteful in handling and storing of food, dishware, utensils, etc. Encourages employee awareness and responsibility with special emphasis on rules that can be followed to prevent waste.
- 1497-73
QUICK AND EASY "SPACE RICE".
Sch Lunch J 25 (7): 91-92. Jul/Aug 1971.
189.8 S246
Food preparation; Rice.
Abstract: A new method of preparing rice used in the Space Program, not yet commercially available by alternate freezing and thawing; and a final freeze-drying, modifies rice starch, making it more digestible, and easy to prepare.
- 1498-73
RIBBON AND CHECKERBOARD SANDWICHES (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBOR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass.; Kovic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].
TX818.R5 F6N AV [Vocational Library: homemaking--food preparation series.]
Food preparation; Sandwich-making.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates the preparation of ribbon sandwiches and how to use ribbon sandwiches to make checkerboard sandwiches. Ribbon sandwiches are made with alternate slices of white and dark bread and alternate colors of cream cheese. Checkerboard sandwiches are made by taking ribbon sandwiches, spreading colored cream cheese on the wide sides, and stacking the sandwiches atop one another, alternating the colored stripes in checkerboard fashion.
- 1499-73
RICE IDEAS FOR SCHOOL LUNCH.
Rice Council of America
Houston, Tex. unp. [n.d.].
TX803.R5R5 F6N
Food delivery systems; Food preparation; Nutrient values; Recipes; Rice; Storage.
Abstract: This collection includes several issues of "Rice Ideas for School Lunch", recipes, a nutritional summary, and a summary of helpful information and valuable background on rice cookery with special tips for modifying cooking procedures to insure proper texture and quality on the serving time.
- 1500-73
A GUIDE TO THE SELECTION, COMBINATION AND COOKING OF FOODS;
Carl A Rietz
Westport, Conn.; The AVI Publishing Company 2 v. 1937 p.). 1961.
TX353.R5 F6N
Beverages; Cookery; Food chemistry; Food preparation; Food processing; Food selection; Foodways; Menu planning; Palatability ratings.
Abstract: This work is in two volumes. Part one of Volume One indicates a number of sciences which are directly connected with the science of food preparation, presenting the rudiments of such subjects as biology, botany, chemistry, nutrition, pharmacology, physics, physiology, sociology and psychology. The purpose is to tell the would-be educated eater and seek where to begin. Part two deals with the Gustametrica Master Chart, its method, and its use in food selection. This section is concerned with the development and training of taste perception and its important corollary, comparative flavor appraisal.
- 1501-73
ROASTING (FILM LOOP).
National Educational Media, Inc.
Hollywood; National Educational Media 1 cassette, super 8mm, sd, col, 10 min. [n.d.].
TX681.R6 F6N AV
Beefing; Cooking methods; Food preparation; Roasting; Thermometers (Meat).
With study guide. For use in Fairchild cassette projector.
Abstract: This basic cooking method is presented in step by step demonstration of procedures to assure perfect roasting results. Use of roasts, bones, and evens shown in preparation of beef roasts and turkey. Importance of meat thermometer and its use explained. Includes pros and cons of high temperature searing. Low temperatures stressed for minimum shrinkage. Additional tips on quantity roasting, basting, time, and temperature.
- 1502-73
RUSH HOUR SERVICE (FILM LOOP).
National Educational Media, Inc.
Hollywood; National Educational Media 1 cassette, super 8mm, sd, col, 10 min. [n.d.].
TX945.R8 F6N AV
Cafeterias; Food service; Food service management; Rush hour service.
With study guide.
Abstract: Cleverly illustrates techniques for properly confronting the rush hour in dining rooms and coffee shops. Teaches hostesses, waitresses and busboys basic responsibilities during this critical time. Actual rush hour conditions with major complications that can arise are shown. Stresses importance of the rush hour as the time when chances for profits or losses are greatest, and when employees must perform courteously and efficiently under pressure.
- 1503-73
SALAD PREPARATION (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LAROCHE, INC.
ROCOM
Los Angeles; Comprenetics 1 cassette, super 8mm, sd, col, 15 min. 1970.
TX807.S3 F6N AV [Health employee learning program]
Food preparation; Fresh foods; Salads; Serving equipment; Vegetables.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This motion picture emphasizes the importance of salads in the diet. The components of various types of salads are explained, and the correct procedures for making and serving salads are outlined.
- 1504-73
SALADS AND DRESSINGS (TRANSPARENCIES).
Kraft Foods, Educational Dept.
Chicago; Kraft Foods kit; 5 transparencies, col; 4 1/2 x 11. [n.d.].
TX740.S3 F6N AV
Food preparation; Foods instruction; Recipes; Salads; Teaching guides.
Includes a transparency unmount and several booklets: Salads

PAGE 121

1909-73

and Dressings in the Curriculum, Teacher's Guide to Salads and Dressings, Recipe Guide to Salads and Dressings; and 50 copies of a booklet for students: Guide to Salads and Dressings. Abstract: This teaching kit emphasizes the basics of salad making for beginning food students, and provides more detailed information for more advanced students.

1909-73

SALADS ARE FOR EATING.
Cooking for Profit 40 (246): 27-31, 52-54, June 1971.
TX901.C6
Food preparation, Salads.
Abstract: Illustrations, suggestions, and recipes for salads.

1906-73

SANDWICH PREPARATION AND PRESENTATION (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. 1967.
TX618.53 F6N AV
Food preparation, Sandwiches.
With study guide. For use in Fairchild cassette projector.
Abstract: Demonstrates artistry and techniques of making high quality sandwiches. Preparation of colorful open and closed sandwiches are shown by a master chef. Describes procedures for preparing sandwiches free layout of work area to final preparation. Emphasizes value of appearance by illustrating variety of garnishments.

1907-73

SATELLITING SUGGESTIONS FROM LAREDO.
F Hernandez
Sch Foodserv J 25 (1.0.25, 8): 100-101, Sept 1971.
389.4 SCH6
Costs, Equipment, Food preparation, quantity, Satellite, School food service, School lunch programs.
Abstract: Laredo schools take a three-pronged approach to satellite food service: advanced equipment, mass production techniques, and close scheduling. These help serve 11,000 meals each school day.

1908-73

SAVE FOR A CHANGE: IDEAS TO CUT COSTS.
Nation's Schools 90 (2): 25-40, Aug 1972.
LB2804.Y3
Budgeting, Central Kitchen, Cost effectiveness, Educational finance, Food delivery systems, School food service.
Abstract: This article is based on a special report on educational costs compiled for the President's Commission on School Finance by Cresser, McCormick, and Paget, management consultants. The article focuses on practical recommendations falling into three areas: instructional personnel, purchasing and support services, and construction and utilization of facilities. One of the recommendations is to switch to a centralized kitchen serving prepackaged lunches. In districts with 2,500 or more students, a centralized kitchen should be at least 15 per cent more economical than a conventional kitchen-cafeteria arrangement.

1909-73

THE SCHOOL FOOD SERVICE PRODUCTION KITCEN.
Carolyn M Gerhard
In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 3 162-176, July 12/24, 1970.
LB3479.U5N3 F6N
Food delivery systems, Food preparation and distribution systems, Legislation, Satellite, School food service.
Abstract: The speaker discussed the various types of school feeding systems, emphasizing that there is no one perfect solution and that the evaluation must be made in terms of the need for the program and in terms of the particular community. The systems were considered in the light of the speakers own experience in Atlantic City, and the peculiar needs of that community.

1910-73

SEASONING SECRETS.
M Longel
Sch Lunch J 25 (7): 112-113, 116, Jul/Aug 1971.
389.4 SCH6
Children, Food service, Seasonings.
Abstract: Suggestions and recipes using seasonings in food service for children.

1911-73

SELLING BRUSSELS SPROUTS TO STUDENTS.
J M Johnson
Sch Foodserv J 25 (10): 78, 80, 82, Nov/Dec 1971.
389.4 SCH6
Food dislikes, Food preparation, Recipes, School lunch programs, Type A lunch, Vegetables.
Abstract: Fact sheet about Brussels sprouts, together with recipes for use in school type A lunches. Suggestions for introducing the children to Brussels sprouts, or various other vegetables with which they may not be familiar.

1912-73

A HANDBOOK ON QUANTITY FOOD MANAGEMENT. 2d ed.
E Evelyn Smith, Vera C Crusius
Minneapolis, Burgess 191 p. 1970.
TX945.537 F6N
Food preparation, quantity, Food waste measures, Manuals, Menu

planning, Merchandising, Personnel management, Sanitation, Standardized recipes, Work simplification.
Abstract: This handbook is designed primarily as a laboratory manual for cookery classes. It may also be helpful to managers of restaurants and school lunches and to others who serve food in quantity. The topics deal with the tools and controls of cooking management and are based on scientific, technological, economic, social, and aesthetic principles and values. Main emphasis is placed on the preparation and service of food in quantity, but factors that influence quality in food management are also discussed.

1913-73

SPICING VEGETABLES.
M Neale
Sch Foodserv J 26 (2): 42, Feb 1972.
389.4 SCH6
Food preparation, School lunch programs, Seasonings, Spices, Vegetables.
Abstract: Chart on seasoning vegetables with various spices and other foods.

1914-73

STANDARD FOOD PORTIONS (FILM LOOP): MADE BY COMPRENETICS.
DISTRIBUTED BY ROCOM, DIVISION OF HOFFMANN-LA ROCHE, INC.
ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 15 min. 1970.
TX943.57 F6N AV (Health employee learning program)
Food classification, Portion control, Standardized recipes.
For use in Fairchild cassette projector.
Abstract: This motion picture defines standard food portions and the reasons for maintaining these standard amounts. The film also explains how the standards are controlled.

1915-73

STEPS IN GETTING READY TO COOK (FILM LOOP): PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, ai, col, 4 min. [n.d.].
TX661.57 F6N AV (Vocational Library: food management--preparing to cook series.)
Cooking instruction, Food preparation.
For use in a Technicolor cassette projector.
Abstract: This motion picture shows a balanced and unbalanced meal and illustrates the best steps to take in preparing to cook: (1) clean up; (2) assemble utensils, and (3) follow directions carefully.

1916-73

STUFFING AND TRUSSING A CHICKEN (FILM LOOP): PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col, 4 min. [n.d.].
TX749.578 F6N AV (Vocational Library: homemaking--food preparation series.)
Cooking techniques, Poultry, Recipes, Seasonings, Stuffings.
For use in a Technicolor cassette projector.
Abstract: This film is about the stuffing of poultry. Techniques of stuffing and various kinds and flavors of stuffing are shown. A recipe for bread stuffing of poultry is included.

1917-73

PRACTICAL BAKING. 2d ed.
William J Sultan
Westport, Conn., The AVI Publishing Co. 492 p. illus. 1969.
TX763.549 F6N
Baking, Batters and doughs, Biscuits, Breads, Cakes, Food data sources, Manuals, Pies, Recipes.
Abstract: This book provides the experienced baker or pastry chef with a practical handbook for reference and offers the teacher and student of baking a basic text. A recipe method is used in much the same way as the case method is used in the teaching of law. The recipes are basic to the trade and represent a cross-section of all types of bakery products. Step-by-step procedures are provided with each recipe. Special note is also made of practice, techniques, and procedures related to each of the bakery products.

1918-73

TECHNIQUES OF FOOD MEASUREMENT (MOTION PICTURE): PRODUCED BY E.P. RESEARCH INC. AND DISTRIBUTED BY AIMS INSTRUCTIONAL MEDIA SERVICES, INC.
Aims Instructional Media Services, Inc.
Los Altos, Calif., E.P. Research, Inc. 1 reel, 16mm, sd, col, 13 min. [n.d.].
TX656.T4 F6N AV
Cooking instruction, Measurement, Utensils, Work simplification.
Abstract: This motion picture instructs viewers on the proper tools to use for specific measurement jobs in cooking. Detailed directions are given for measuring and sifting flour, confectioner's sugar, granulated sugar, and brown sugar; measuring shortening and butter; and using a transparent measuring cup to measure liquids--both thick and thin. Measuring spoons are explained and methods of use are demonstrated.

- 1919-73**
TECHNIQUES OF MAKING QUICK READS.
A Monne
Forecast Home Econ 18 (4): F18-F19, F29. Dec 1972.
321.6 H792
Broads (Quick), Cooking methods, Recipes.
Abstract: Techniques for making quick breads, together with recipes.
- 1920-73**
TESTING OF PRODUCTS IS ESSENTIAL.
Joel M. Stetson
In Proceedings of the Northeast School Food Service Seminar,
Univ. of Massachusetts, 1970 p. 210-219. July 12/24, 1970.
L63479.U5H3 F6M
College food service, Convenience foods, Food cost analysis,
Food quality.
Extract: The speaker is head of a large food service operation
that has switched to almost a complete use of convenient-off-
shelf foods by means of an extensive testing procedure. He
described both the operation and the testing procedure.
- 1921-73**
CONVENIENCE AND FAST FOOD HANDBOOK.
Harvin Edward Thorne
Westport, Conn.: AVI 354 p. illus. 1973.
TX840.G6T48 F6M
Convenience foods, Cooking equipment (Large), Food prepara-
tion, Quantity, Frozen foods, Frying, deep fat, Microwave cook-
ing.
Abstract: This book welds together the numerous facets of the
fast-food business - creation, preparation, and service. The
latest technological developments are explained and reduced to
practical values. Quality control and purchasing methods are
stressed. These can be used as a guide for product improvement
and increased profits. This book is not meant to be a cookbook
or menu planner. It is a primer on the use of equipment and
its effects on foods, handling, and preservation. Commercial
techniques are explored and bridged to modern concepts of
computerized operation. Each section is treated as a separate
entity but related to the entire food service operation.
- 1922-73**
QUANTITY COOKERY: MENU PLANNING AND COOKING FOR LARGE NUMBERS.
4th ed.
Nola Treat, Lorna Richards
Boston, Little, Brown and Company 560 p. 1966.
TX820.R5 F6M
Food preparation, Quantity, Menu planning, Restaurants, Stand-
ardized recipes.
Revised.
Abstract: This book is designed to assist managers of food
departments in restaurants, hotels, clubs, churches, schools,
colleges, hospitals and other institutions. It applies estab-
lished principles of cookery to quantity food production, gives
detailed instructions, standardizes the size of servings in
amounts acceptable to the eating public, and offers these
recipes. Considerations necessary in menu planning, the need
for proper buying, and accurate recipes, stressing the use of
scale for both exactness and speed are also discussed.
- 1923-73**
TURKEY TIME SAVER.
A Kinoster
Sch Feedsterv J 25 (10): 41-42. Nov/Dec 1971.
389.8 SCH6
Food preparation, Poultry, Turkey.
Abstract: Method for dressing turkey.
- 1924-73**
FOOD YIELDS SUMMARIZED BY DIFFERENT STAGES OF PREPARATION.
U.S., Agricultural Research Service
Rebecca C. Pecos, Bernice K. Watt
Washington, D.C. 93 p. 1970.
TX931.U5 F6M (U.S., Agricultural Research Service, Handbook
no. 102)
Food conservation tables, Food preparation, Food processing,
Food yields, Research methodology.
Extract: To provide a more comprehensive summary on food yie-
lds than has previously been available and to meet the need
for information based on recent studies applicable to current
food supplies, original data published since 1940 and many
unpublished data were searched. Results from these sources of
studies on the physical yields and losses of foods during
their various stages of preparation are brought together and
summarized in this publication.
- 1925-73**
BREADS, CAKES, AND PIES IN FAMILY MEALS: A GUIDE FOR CONSUM-
ERS.
U.S., Agricultural Research Service, Consumer and Food Econom-
ics Research Division
Washington, D.C. 30 p. 1971.
TX763.U5 F6M (U.S., Agricultural Research Service, Home and
Garden Bulletin no. 186)
Cooking, Breads, Cakes, Homebaking skills, Pies, Recipes.
Abstract: This booklet provides information which is intended
to be useful to the experienced baker as well as the beginner.
Ingredients, techniques, and recipes are included.
- 1926-73**
FREEZING COMBINATION MAIN DISHES.
U.S., Agricultural Research Service
Washington, D.C. 20 p. 1967.
TX610.U5 F6M (U.S., Agricultural Research Service, Home and
Garden Bulletin no. 40)
Food preservation, Freezing, Homebaking skills, Main dishes,
Recipes.
Revised.
Extract: Included in this publication are general directions
for successful freezing of such main dishes as the stew, meat
loaves, and casserole combinations made from the recipes that
are given.
- 1927-73**
ESTABLISHING CENTRAL SCHOOL LUNCH KITCHENS IN URBAN AREAS:
PROBLEMS AND COSTS.
U.S., Dept. of Agriculture, Economic Research Service
Robert B. Reese
Washington, D.C. 61 p. 1965.
TX693.U5 F6M (U.S., Dept. of Agriculture, Economic Research
Service, Agricultural economic report no. 72)
Control kitchen, Cost effectiveness, Facilities planning and
layout, Food preparation and distribution systems, School
lunch programs, Urban areas.
Abstract: Several thousand older urban schools are not partici-
pating in the National School Lunch Program because installa-
tion of kitchen and dining facilities is not feasible. A food
service system involving central food preparation and distribu-
tion provides a reasonable approach to solving this problem.
Central food preparation and distribution systems are being
used to make available at least four different forms of the
type A lunch, all of which meet nutritional requirements of
the National School Lunch Program: regular plate lunches or
modified tray pack style lunches with hot and cold foods, soup
and sandwich lunches, and cold packaged lunches. Critical in
planning an urban central kitchen operation is selecting the
form of type A lunch to be offered. Physical considerations
may limit the selection of the type of meal to be served.
Availability of resources also may affect the comparative
advantages of one form of lunch service over others. Operating
experience provides general guidelines for establishing a
central kitchen system. However, each school administrator
has the task of developing a system for use in his school that
results in the highest efficiency.
- 1928-73**
BASIC COURSE IN EMERGENCY MASS FEEDING: HANDBOOK.
U.S., Office of Civil Defense
Washington 162 p. Aug 1966.
HV959.U5 F6M (U.S., Office of Civil Defense, Handbook H-19)
Civil defense and disasters, Community feeding centers, Facili-
ties planning and layout, Food preparation and distribution
systems, Food selection, Food service management, Public health,
Sanitation.
Abstract: This handbook was developed as a text and reference
book for an emergency mass feeding training course. The princi-
ples and techniques are applicable for feeding in fallout
shelters and in cases of natural disaster. Food and equipment
selection, food preparation and delivery methods, safety and
sanitation rules, and methods of organization and improvisation
are all covered.
- 1929-73**
U.S. FAMILIES STILL PRESERVE FOOD AT HOME.
Corinne Leavitt
Nat Food Situation 140: 27-28. May 1972.
1.941 S2F73
Canned foods, Consumer economics, Food consumption, Food prepa-
ration, Food preservation, Frozen foods.
Abstract: Households surveyed by USDA in 1965-66 canned or
froze a little over a tenth of the processed fruits and vegeta-
bles that they used. Farm families used a much higher propor-
tion that they had preserved themselves, but even urban fami-
lies were still putting up some of their own food. Comparisons
with a similar survey conducted in 1955 suggests slight drop
in home preservation in the intervening decade. Canning at
home was more popular than freezing. In general, the choice of
items put up at home was similar to the choices of purchased
canned and frozen items.
- 1930-73**
USE OF LOWFAT DAIRY SPREAD IN MEDIUM WHITE SAUCE AND PLAIN
WHITE FROSTING.
L. L. Oker, R. M. I. Hubbard
J Home Econ 63 (4): 266-270. Apr 1971.
321.6 J62
Animal fats, Butter, Cream, Dairy food substitutes, Food prepa-
ration, Frosting, Margarine, Sauces.
Abstract: Low fat dairy spreads, one with a cream base, one
with a butter oil base and compared with butter or margarine
were not acceptable.
- 1931-73**
USE OF METRIC MEASUREMENTS IN FOOD PREPARATION.
H. B. Trimbe
J Home Econ 64 (2): 20-25. Feb 1972.
321.6 J62
Food preparation, Metric system.
Abstract: Metric measurements present more precise measurement
of solids in food preparation. Provides background information
for the conversion and an understanding of what is involved.

1992-73

1992-73

FOOD PREPARATION FOR QUALITY TYPE A LUNCHEES: BETTER HEALTH THROUGH IMPROVED FOOD PREPARATION TECHNIQUES.

Utah, Board of Education, Division of School Food Services
Salt Lake City, Utah 103 p. 1962.

TX020.U0 FCM

Baking, food preparation, quantity, food quality, Menu planning, Nutrient values, Standardized recipes, Type A lunch.
Abstract: Foods lose considerable nutritive value through improper storage, cooking, and serving. The same methods that best preserve food quality also best preserve nutritive value. The principles underlying these methods are outlined and the application of these principles in the planning and preparation of Type A lunches is presented.

1993-73

BAKING IN THE SCHOOL LUNCH PROGRAM.

Utah, Board of Education, Division of School Food Services
Salt Lake City, Utah 41 p. 1966.

TX769.U0 FCM

Baking, Breads, Desserts, Recipes, School food service, Surplus commodities.
Abstract: Low baking, using U.S.D.A. Commodities, can provide nutritious breads and other baked goods at unusually low cost. This booklet charts the savings that are possible, and introduces the basic equipment, techniques and recipes that can be used in baking for school lunch programs. Baking demonstrations are also suggested.

1994-73

VEGETABLE COOKERY (FILM LOOP).

Marriott Training Consultants
Washington, Marriott Training Consultants 1 cassette, 39m, color, 12 min. (n.d.).

TX001.V42 FCM AV

Cookery, Cooking instructions, Cooking methods, Food preparation, Plant sources of foods, Vegetables.
For use in kiosk-type projector.
Abstract: This film is for training cooks and other food service workers covers the basic techniques used in the handling and cooking of vegetables.

1995-73

VEGETABLE PREPARATION (FILM LOOP).

National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, color, 10 min. (n.d.).

TX001.V4 FCM AV

Cooking methods, Food preparation, Vegetables.
With study guide. For use in filmstrip cassette projector.
Abstract: The essentials of vegetable preparation showing how to select color, taste, texture, and nutrition. Shows proper procedures for boiling and other cooking methods including steaming, sautéing, deep fat frying. Exposes errors of over cooking, use of excessive water, delays, bad planning, and harmful additives. Detailed sequence shows acceptable ways of preserving or lightening color. Creativity encouraged in sauces, presentation. Fresh and frozen vegetables used.

1996-73

VERSATILE POTATOES INCREASE MENU VARIETY, WHILE LOW COST AUGMENTS PROFIT MARGIN.

Bulch Frozen Foods 33 (7): 62-64, 67, Feb 1971.

389.0 04

Frozen foods, Marketing, Potatoes.
Abstract: Frozen potatoes have the lowest food cost on a percentage of menu cost of all common menu items. This article describes the types of frozen potatoes available, and how they can be processed and served. Some bulk recipes are included.

1997-73

THE PROFESSIONAL CHEF'S BOOK OF BUFFETS.

George K. Melner, Klaus Hiltner
Chicago, Institutions Magazine/Volume Feeding Management 232 p. illus. 1971.

TX020.W20 FCM

Appetizers, Buffets, Catering, Food preparation, quantity, Food service, Recipes.
Abstract: This book for the professional chef, gives explicit instructions on all aspects of buffet cuisine. Besides recipes, menus, and other food suggestions, the authors give advice on setting up the buffet table, decorating it, and making all elements in the dining-serving area fit a selected theme.

1998-73

WAYS OF COOKING (FILM LOOP): PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.

McGraw-Hill Films, Inc.
Hollisley, Mass., Kovic House 1 cassette, super 8mm, color, 4 min. (n.d.).

TX001.W3 FCM AV (Vocational Library: food management--preparing to cook series.)

Cooking instruction, Cooking methods, Cooking techniques.
For use in a technical cassette projector.
Abstract: This motion picture illustrates the best cooking methods (baking, frying, boiling, broiling, roasting, and searing) for various food threads, onions, green beans, meat, and milk.

1999-73

WAYS WITH FOOD (TRANSPARENCIES).

Barbara ed. Clamen
Minnesota Mining and Manufacturing Company, Visual Products Division
St. Paul, Minnesota Mining and Manufacturing Co. 23 transparencies, color, 8 1/2 x 11. 1969.

TX001.W32 FCM AV

Cooking instruction, Cooking methods, Food preparation, Foods instruction.
For use with overhead projector. Includes a teacher's guide.
Abstract: This collection of transparencies covers a wide range of food items and suggests a variety of methods and techniques to use in their preparation.

1940-73

WHAT IS THE FUTURE OF TEXTURED PROTEIN PRODUCTS?

R. F. Robinson
Food Technol 26 (9): 99, 60, 62, 63, May 1972.

389.0 07390

Consumer education, Food composition, Marketing, New products, Processed foods, Proteins, School lunch programs, Soybean products, Textured vegetable proteins.
Abstract: Tanned and extruded plant protein products are being used in the School Lunch Program and in some hospital feeding programs. Yet these products have made little impact on the general institutional and consumer markets. The author discusses what must be done to improve the acceptance of textured protein products.

1941-73

WHAT SYSTEMS BUILT: FAVORED FARE, OF '72.

Bruce Smith
Food Serv 34 (12): 23-30, Dec 1972

389.2330 F732

Convenience foods, Marketing, Marketing, Meat, Proteins, School lunch programs, Type A lunch, Vegetables.
Abstract: During 1972, the operational concept of "maximum output and minimum cost of assembly" constituted the basis of Food Service Marketing's "systems approach to food service marketing." Emphasis was on the American menu. Reader response indicated an enthusiastic reaction to the ideas presented. This article reviews the foods which gained the greatest response. Color photographs are presented of the popular dishes with particular emphasis on plating, garniture, and portioning.

1942-73

WHATS AND WHYS OF CUP-CAN.

Sch. Foodserv J 26 (10): 43, Nov/Dec 1972.

389.0 SCH6

Cup-cans, Fruits, Main dishes, Meat, Proteins, School lunch programs, Type A lunch, Vegetables.
Abstract: Questions and answers about cup-cans. How the school without a kitchen can supplement cup-cans with vegetables and fruits, or added proteins, to meet Type A lunch standards.

1943-73

WHITE SAUCE (FILM LOOP): PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.

McGraw-Hill Films, Inc.
Hollisley, Mass., Kovic House 1 cassette, super 8mm, color, 4 min. (n.d.).

TX019.W5W5 FCM AV (Vocational Library: home-making--food preparation series)

Cooking instruction, Food preparation, Sauces.
For use in a technical cassette projector.
Abstract: "White" sauces are light in color as opposed to brown sauces that are made of a brown stock base. White sauces are used in soups, pie fillings, creamed dishes, vegetables, and on fish and poultry. This film demonstrates the technique for making a white sauce.

1944-73

BISCUIT MANUFACTURE: FUNDAMENTALS OF IN-LINE PRODUCTION.

Peter R. Whiteley

London, Elsevier Publishing Company, Ltd. 300 p. 1971.

TX772.W46 FCM

Baking, Biscuits, Cooking, Equipment, Food processing, Ingredients, Management, Quality control.
Abstract: The intention of this book is to provide a guide for potential management and supervisors and for those who wish to understand the fundamental principles of biscuit manufacture. Raw materials, equipment, methods, processes, and conditions very considerably; the formulae are intended as blue prints free which, with a knowledge of the materials and also of the processes, and by trial and error, a biscuit can be produced bearing some resemblance to the original. Processes have been dealt with in such a way that they can be carried out by hand or through varying degrees of mechanization.

1945-73

SPECIAL ATMOSPHERE II: COUNTRY/COLONIAL THEMES.

Julie Wilkinson
Chicago, Institutions Magazine/Volume Feeding Management 100 p. 1969.

TX059.W5 FCM

Advertising, Commercial food service, Cookery, Facilities planning and layout, Menu design, Merchandising, Recipes.
Abstract: This booklet provides suggestions to restaurateurs for preparing and advertising American Colonial and country-style meals. The atmosphere and furnishings of the dining areas, menus, service of food, style of dinnerware are all

discussed and illustrated. Recipes are also included.

1546-73

THE 10 COOKING, HEATING AND RECONSTITUTING APPLICATIONS; PART 6.

Food Serv. 33 (71): 29-32, Jul 1971.
J89.2533 F732

Baking, Broilers (Equipment), Cooking equipment (Large), Cooking methods, Frying, deep fat, Ovens, Roasting.
Abstract: Ten methods of transferring heat to foods are reviewed: surface cooking, griddling, directional heat (baking and roasting), convection (baking and roasting), radiant heat (broiling), immersion (deep-frying), steam-cooking, microwave ovens, infra-red ovens, and holding at ideal serving temperature. Sketches help illustrate the heating principles involved.

Equipment

1547-73

THE ABC'S OF MAKE-UP AIR.

J R Myers
Cooking for Profit 40 (251): 32,34,42, Nov 1971.
TX901.C6

Air, Dining rooms, Food service industry, Kitchens, Ventilation.
Abstract: Need for makeup air has always existed. The coming of modern, tightly sealed and insulated buildings and increased use of forced-air exhaust, and need for engineered make-up air became more apparent. With development of gas units for bringing that makeup air to internal temperature before distribution, a new era of building comfort has arrived.

1548-73

ADVANCES IN FOOD SERVICE EQUIPMENT.

D D Rhodes
Food Technol 25 (9): 62-63, Sept 1971.
339.5 F7393

Equipment, Food quality, Food service industry, Food service technologists.
Abstract: The article draws the attention of food technologists to the most recent developments in food service equipment, that will help them to accomplish and maintain the highest standard in food quality. Some of the equipment are shown in the accompanying photographs.

1549-73

THE AIR CONDITIONING STORY; PART 5.

Food Serv. 33 (9): 34-38, Sept 1971.
339.2533 F732

Air conditioning, Cooking equipment (Large), Electricity, Equipment, Facilities planning and layout, Food service, Maintenance.
Abstract: Directions are given for figuring the extent of air conditioning needed. (In an all-electric kitchen, the air conditioning requirement is inexpressively reduced). Factors affecting customer comfort (humidity, seating capacity, windows, lights, and so forth) are reviewed. Special attention is devoted to electric snow-melting equipment, indoor and outdoor lighting, and maintenance and care of electric cooking equipment.

1550-73

AIR QUALITY AND THE CHAR BROILER.

Cooking for Profit 42 (267): 38,40, Mar 1973.
TX901.C6

Air contaminants, Broiling, Commercial food service, Cooking equipment (Large), Food service industry.
Abstract: New type broiler helps air quality by removing factors which contribute to smoke.

1551-73

ALL ABOUT COOKWARE (FILMSTRIP); MADE BY DOUGLAS FILM INDUSTRIES. DISTRIBUTED BY ECKO HOUSEWARES COMPANY.

Ecko Housewares Company
Chicago, Douglas Film Industries 1 filmstrip, 60 Fr., sl, 35mm, col, 1967.
TX656.A42 F64 AV

Cooking, Cooking equipment (Small), Equipment storage, Maintenance.
Includes script and teacher's guide, 35 student booklets, and a wall chart.
Abstract: This filmstrip explains and evaluates cookware materials and construction, and tells how to select the proper pan for a particular cooking job. It includes care and storage tips and illustrates a "basic cooking wardrobe."

Chicago, Douglas Film Industries 1 filmstrip, 64 Fr., sl, 35mm, col, 1965.
TX656.A4 F64 AV

1553-73

AROUND THE MENU WITH GAS BROILERS.

H Sanstad
Cooking for Profit 41 (262): 50-52,54-55, Oct 1972.
TX901.C6

1554-73

AROUND THE MENU WITH GAS-FIRED TILTING BRAISING PANS.

Cooking for Profit 42 (264): 38-40, Feb 1973.
TX901.C6

1555-73

AUTOMATED MATERIALS HANDLING, LABOR-SAVING EQUIPMENT, AND SERVICES OF FOOD SERVICE CONTRACTORS ARE IN SCHOOL FOOD SERVICE PICTURE.

William D McLean
In Proceedings of the Northeast School Food Service Seminars, Univ. of Massachusetts, 1970 p 294-300. July 12/24, 1970.
LB3479.U5H3 F6N

1556-73

KITCHEN STANDARDS FOR THE BOARD OF EDUCATION OF BALTIMORE COUNTY.

Baltimore (County), Dept. of Engineering
Lyla Reet
Towson, Md. unpub. Jul 1969.
TX655.B3 F6N

1557-73

THE BEST INVESTMENT WE'VE EVER MADE.

Cooking for Profit 40 (248): 42-43,56-57, Aug 1971.
TX901.C6

1558-73

BIGGEST PROFIT POTENTIAL WITH YOUR ELECTRIC PRESSURE FRYER.

Food Serv. 33 (8): 39-43, Aug 1971.
339.2533 F732

1559-73

CARE AND USE TIPS FOR GAS-FIRED FRY KETTLES.

Cooking for Profit 41 (261): 60,67, Sept 1972.
TX901.C6

1560-73

CARING FOR COOLERS.

M Kalin
Sch Lunch J 25 (1): 33-36, Jan 1971.
339.0 SCH6

PAGE 125

1961-73

correct equipment, proper installation, educating user. It includes a systematic approach to sanitation and esthetic cleaning, need for periodic preventive maintenance, supervised by management personnel.

1561-73

THE CASE FOR THE ELECTRIC STEAM GENERATORS.
Food Serv 33 (11): 37-42, Nov 1971.

369.2538 F732

Cooking equipment (large), Cooking methods, Electricity, Equipment, Maintenance, Steaming.

Abstract: This article presents the pros and cons of various types of electric steam cooking equipment to aid the food service manager in selecting the equipment best suited to his particular operation. In spite of the fact that much steam cooking equipment is self-contained, it is pointed out that in many circumstances it is advisable to install electric steam generators.

1562-73

THE CASE OF DROP-INS VS. FREE-STANDING FOOD SERVICE EQUIPMENT.
Food Serv 34 (7): 16-18, Jul 1972.

369.2538 F732

Cost effectiveness, Equipment, Evaluation, Food service.

Abstract: This article discusses the pros and cons of drop-ins and free-standing counterline equipment to help the food service manager decide which is most economical for his particular operation.

1563-73

CHOOSING, USING, AND CARING FOR KITCHEN CUTLERY.

R I Dieffenderfer

Food Serv 34 (7): 16-18, Jul 1972.

321.8 4792

Cutlery, Teaching aids.

Abstract: Construction, basic cutlery, scissors and shears, electric knives, use and care of cutlery, sharpening, and teaching tips are given.

1564-73

COLD BEVERAGE SYSTEMS.

Fast Food 71 (4): 93-94, 96, Apr 1972.

369.2538 F82

Equipment, Non-alcoholic beverages.

Abstract: Space-saving combination ice/beverage or carbonated/non-carbonated beverage systems highlight available equipment.

1565-73

CONTROL OF USE OF SPACE AND EQUIPMENT.

Stanley Sulth

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p 107-113.

June 1972, 1970.

L83479.UST4 F6N

Case studies, Equipment, School food service.

Abstract: 5 major areas are presented, (1) Kind of equipment (2) Capacity of equipment (3) Layout (4) Procurement (5) Maintenance in the use of space and equipment in school food service operation.

1566-73

CONVEYOR SYSTEM SPEEDS SERVICE IN CENTRAL KITCHEN.

Modern Schools 9, 14, Oct 1971.

L83243.45

Food delivery systems, School food service, Serving equipment.

Abstract: This article illustrates a double-line conveyor system that is used to carry trays through the food serving area and into student's hands at Oshkosh, Wisconsin, High School.

1567-73

COOLING IT.

J D Phelan

Sch Lunch J 25 (1): 26-28, Jan 1971.

369.8 SCH6

Freezing, Kitchens, Refrigeration, Storage equipment.

Abstract: Discussion of structure and types of freezers and refrigerators, including kitchen planning.

1568-73

DETROIT RESEARCH SHOWS TWO-BUCKET TECHNIQUE YIELDS CLEANER FLOORS.

Sch Lunch J 25 (2): 34, Feb 1971.

369.8 SCH6

Cleaning equipment.

Abstract: Cleaning method using two buckets and a mop presented.

1569-73

A DIRECTORY OF SYSTEMS CAPABILITY.

Food Serv 34 (5): 31-42, 53, 60-66, May 1972.

369.2538 F732

Equipment, Facilities planning and layout, Food preparation, Food service, Food service industry, Menu planning, Purchasing, Sanitation, Storage.

Abstract: This two-part directory of systems with problem-solving capability, delineates the role of equipment and food products within a systems context. Part I deals with procurement. The information includes specific food manufacturers; their product spectrum, systems implementation service (planning consultation, product application, merchandising, menu

planning, nutritional data); market directions; addresses; and persons to contact. Part 2, concerning linked systems capability, relates (through alphabetical, color, and numerical codes) menu categories to product groups and equipment sub-systems. Leading equipment manufacturers are listed and their products keyed to their position within the ten basic operational sub-systems (procurement, storage, fabrication, pre-preparation, processing, assembly, holding, serving, clean-up, and sanitation).

1570-73

THE ELECTRIC CONVECTION OVEN.

Modern Schools pp. 9-11, Nov 1972.

L83243.M6

Cooking equipment (large), Ovens, School food service.

Abstract: Eight different brands of convection ovens are illustrated and described in this article. A table of cooking times and temperatures is also included.

1571-73

ELECTRIC STEAM-JACKETED KETTLES RUN THE GAMUT OF MEAL PRODUCTION.

Food Serv 33 (10): 23-28, Oct 1971.

369.2538 F732

Cooking equipment (large), Cooking methods, Guides.

Abstract: Most electric steam-jacketed kettles (from 4- to 150-gal. capacities) generate steam by heating a self-contained water supply housed in a cavity between the kettle's outer jacket and inner wall. Immersion heaters bring the water to a boil, and steam is then circulated under pressure in the cavity area, cooking the food at low temperature. This efficient method of even heat distribution is perhaps the finest means of preparing food with maximum retention of flavor, nutritional value, and appearance. The various models and types of steam-jacketed kettles are described and illustrated. An operating guide is included and cleaning care outlined.

1572-73

EQUIPMENT CENSUS: 1973 INSTITUTIONS/VFM REPORT ON AGE, TYPE AND STATUS OF FOODSERVICE EQUIPMENT.

Instit/vol Feeding 72 (6): 47-58, Mar 15, 1973.

TX820.15

Cost effectiveness, Equipment, Equipment storage, Facilities planning and layout, Food service, Maintenance, Surveys.

Abstract: The basic decisions about equipment must be made by each food service operator for his individual food service operation. This article presents the results of an equipment census of 10,000 commercial and institutional food service operators. Their answers are intended to inform food service managers about depreciation schedules, payment plans, repair contracts and servicing, maintenance, types and combinations of equipment, and other such matters.

1573-73

ESSENTIAL SUB-SYSTEMS 5: PREPARATION PROCESSING - PART 1.

Evelyn Evans

Food Serv 35 (3): 13-18, 62, Mar 1973.

369.2538 F732

Facilities planning and layout, Food preparation and distribution systems, Food service management, Kitchens.

Abstract: The author defines a food service equipment system as "a total operational system composed of the various subsystems arranged in a logical, orderly work flow." The preparation/processing subsystem requires equipment for final on-premise cooking, re-heating, or reconstituting needed to realize menu goals. The article offers suggestions for the selection and arrangement of kitchen equipment.

1574-73

FACILITIES FOR DEVELOPMENT: PILOT PLANT DEDICATED TO SNACK FOOD RESEARCH.

Food Prod Dev 6(5): 77, Aug/Sept 1972.

HD9000.1.F64

Equipment, Facilities planning and layout, Food processing, Research, Snacks.

Abstract: This article describes a pilot plant for the study and development of new snack foods and other extruded products. The facility is equipped to produce a wide variety of product types, shapes, and sizes. Equipment especially noted includes a ribbon blender, a feeder-hopper, a cooker-extruder, a former-extruder, a rotary fly knife, and various kinds of dies.

1575-73

FASHIONS IN TABLE COVERINGS.

Cooking for Profit 40 (250): 42, Oct 1971.

TX901.C6

Commercial food service, Serving tables, Table settings.

Abstract: Miscellaneous short paragraphs with numerous suggestions for woven, nonwoven, and paper products with which to set tables.

1576-73

FORTY NEW WARES FOR "SCHOOL FEEDING."

Amer School Board J 160 (1): 47-52, Jan 1973.

L82431.A4

Equipment, School food service.

Extract: With an estimated four and a half million needy children still excluded from federal free lunch programs, it may strike you as crass to sit down in a leisurely manner and browse through a tidy array of new products and services for the school lunch field. Indeed, shouldn't all energies and

ideas be expended on behalf of getting those millions of mouths fed a hot meal at school? Of course. No one argues the point. But the basic fact remains that nearly \$800 million is being spent each year by the nation's school boards for their respective school lunch programs. For those who are responsible for the spending and implementation that go with these programs, the work is passed along here and on the next few pages about what's new among products and services for school programs. All of the items reviewed in these pages for Journal readers represent developments that were demonstrably new in some form during 1972 or will be introduced in 1973.

1577-73

THE FREEZERS THAT STAY OUT IN THE COLD.

F O Stevens

Sch Lunch J 24 (4): 29-30. Apr 1970.

389.6 SCH5

Costs, Freezers, School lunch programs, Storage equipment. Abstract: Outdoor freezers, from 150 to 540 cubic feet capacity, holding up to 400 cases of frozen food, can be located just outside the kitchen door, or butted against the kitchen to be entered from inside the building. The convenience and low cost to the school make them the equipment that most helps the small, rural school receiving bulk shipments of donated commodities.

1578-73

FUNCTIONAL MERCHANDISING WITH INFRARED WARMERS.

Food Serv 34 (12): 42-57. Dec 1972.

389.2538 F732

Food warmers, Guides, Serving equipment.

Abstract: Infrared warmers hold prepared foods at peak flavors and hot, safe temperatures (140 degrees F. plus) prior to serving, and present foods in a bright spot of light--good merchandising. This article discusses the electronic principle of infrared, different uses for the warmers, and the types of equipment available.

1579-73

GALLUP SURVEY - HAVE PATRONS ACCEPTED DISPOSABLES - ABSOLUTELY OR CONDITIONALLY?

Food Serv 32 (8): 13-15. Aug 1970.

389.2538 F732

Dinnerware, Disposables, Surveys, Utensils.

Abstract: Time and settling apparently have a lot to do with customer reaction to "disposables" or "single service ware." There is a lingering preference for permanent ware even in such situations as coffee breaks and snack occasions. At least half of the college-educated, upper income, professional and business groups accept disposable placeware and napkins, but prefer permanent ware for their food and drink. At least half of the same "demographic" groups prefer linen cloths and napkins on the table service scene. The college-educated and people from the Midwest are most cognizant of design and style developments. About one-fourth of those interviewed indicated that ware would be improved by real china, silver, and glassware service in a hospital.

1580-73

COOKING THE MODERN WAY WITH STAINLESS STEEL STEAM-JACKETED

KETTLES. 2d ed.

Groen Division/Dover Corporation

Elk Grove Village, Ill. 94 p. illus. 1971.

TX657.4407 F6W

Advertising, Coffee, Color in foods, Cooking equipment (Large), Facilities planning and layout, Food preparation, Palatability ratings, Recipes, Specifications.

Abstract: This handbook, prepared by a cooking equipment manufacturer, is designed to assist managers, cooks, and workers in food production in restaurants, hospitals, schools, and other institutions. Its purpose is to review established food principles in the line of the newest knowledge of nutrition and modern cooking methods; to provide a better understanding of the uses of steam-jacketed kettles in the production of food of high quality, and to summarize time- and labor-saving methods in its production. The second edition follows the original format, however, newer up-to-date installation photos have been used, and copy has been revised to describe recent developments in equipment design and technological advances in the food service industry.

1581-73

HOT BEVERAGE SYSTEMS.

Fast Food 71 (3): 76-73.89. Mar 1972.

389.2538 F82

Chocolate and cocoa, Coffee, Equipment, Tea.

Abstract: Equipment for bulk brewing of coffee, as well as hot water system for instant coffee, cocoa, or tea.

1582-73

HOW ELECTRIC CONVECTION OVENS SPAN THE "RAW-TO-READY" SCALE.

Food Serv 32 (7): 28. Jul 1970.

389.2538 F732

Cooking equipment (Large), Ovens.

Abstract: The convection oven can process substantially more food in about 30 percent less space than a conventional deck oven. Heat absorption is intensified by forced air motion, reducing cooking time for most foods and lowering cooking temperatures by about 50 degrees F. for conventional foods of the same density. Oven details are described, and the major models on the market today are identified and pictured.

1583-73

HOW TO GET BETTER SERVICE FROM YOUR GAS BROILER.

Gas Consumers Service

Cooking for Profit 40 (244): 56. Apr 1971.

TX901.C6

Broilers (Equipment), Maintenance.

Abstract: Chart showing preventive maintenance of various parts of the gas broiler.

1584-73

HOW TO GET BETTER SERVICE FROM YOUR GAS FRYER.

Gas Consumers Service

Cooking for Profit 40 (242): 28-29. Feb 1971.

TX901.C6

Cooking equipment (Large), Maintenance, Repair.

Abstract: Chart illustrating regular and expert maintenance of gas cooking equipment.

1585-73

HOW TO GET BETTER SERVICE FROM YOUR GAS OVEN.

Gas Consumers Service

Cooking for Profit 40 (246): 50. June 1971.

TX901.C6

Commercial food service, Maintenance, Ovens.

Abstract: Chart showing monthly maintenance checks to be made on gas ovens.

1586-73

HOW TO GET BETTER SERVICE FROM YOUR GAS RANGE.

Gas Consumers Service

Cooking for Profit 40 (243): 54. Mar 1971.

TX901.C6

Equipment, Maintenance.

Abstract: Chart on preventive maintenance of gas ranges.

1587-73

HOW TO GET BETTER SERVICE FROM YOUR STEAMER.

Gas Consumers Service

Cooking for Profit 40 (247): 12. Jul 1971.

TX901.C6

Cooking equipment (Large), Maintenance, Steaming.

Abstract: Preventive maintenance of gas steamers.

1588-73

HOW TO GET MAXIMUM SERVICE FROM GAS APPLIANCES.

Cooking for Profit 40 (241): 46-48. Jan 1971.

TX901.C6

Cooking equipment (Large).

Abstract: Charts for programmed care and use of gas cooking appliances.

1589-73

HOW TO RELIEVE THE CHRONIC LABOR SHORTAGE WITH ELECTRIC STEAM COOKERS.

Food Serv 33 (4): 23-28. Apr 1971

389.2538 F732

Cooking equipment (Large), Guides, Steaming.

Abstract: Steam cookers--high-compression units, compartment models, special models (converting from steamers to boiling pans), and food fresheners--are reviewed. Attention is given to size, performance, food quality, and safety. The available models are pictured.

1590-73

HOW TO SET A TABLE/1972 FASHIONS.

L A Gorton

Cooking for Profit 40 (250): 37-40. Oct 1971.

TX901.C6

Commercial food service, Serving equipment, Serving tables, Table settings.

Abstract: Table service and fashions for attractive commercial dining rooms are illustrated, together with a standard glassware guide and ways to cut breakage.

1591-73

THE IMPERATIVE OF ADEQUATE WIRING - PART 2.

Food Serv 33 (3): 57-60. Mar 1971.

389.2538 F732

Building equipment, Electricity, Food service.

Abstract: This review of the requirements for any successful food service operation contains technical details on voltage, phase wiring, and connecting of equipment. Included are a glossary of electrical terms; a wiring capacity table, and schematic drawings of single-phase and three-phase wiring.

1592-73

THE IMPLEMENTATION OF A SIMPLIFIED INPLANT FOOD SERVICE SYSTEM.

Jack McCabe

Food Serv 34 (3): 16-22. Mar 1972.

389.2538 F732

Chicago, Convenience foods, Equipment, Facilities planning and layout, Food service, Food technology.

Abstract: This article tells how an industry consultant implemented a convenience food system in which two persons supply a wide range of menu items for up to 800 employees of a company in Chicago. The main problem of installation was the high cost of space which necessitated a compact, quality operation.

1593-73

1593-73

AN IMPORTANT AID TO THE DISH MACHINE - THE ELECTRIC BOOSTER WATER HEATER.

Modern Schools 99, 10-11, Jan 1972.

L83243.M6

Building equipment, Cleaning equipment, Dishwashing.

Abstract: A booster water heater boosts the temperature of the main water supply from the normal 140 degrees F. to the 180 degrees F. required by the U.S. Dept. of Health for the final sanitizing rinse of dishwashing machines used in school food service. Some examples of booster heaters are shown.

1594-73

THE PREPARATION KITCHEN.

Institutions Magazine/Volume Feeding Management Chicago, Ill., 99 p. 1968.

TX656.152 F6M

Equipment, Facilities planning and layout, Food preparation, quantity, Kitchens.

Abstract: This booklet provides suggestions for planning purchasing, and efficiently using and maintaining the facilities and equipment of a preparation kitchen. Recipes and cooking instructions are included, as well as equipment specifications and a list of equipment suppliers.

1595-73

THE NAUTICAL WAY: SPECIAL ATMOSPHERE/FOOD I.

Institutions Magazine/Volume Feeding Management Chicago, Ill., 105 p. 1968.

TX747.15 F6M

Commercial food service, Facilities planning and layout, Food preparation, quantity, Interior design, Merchandising, Recipes, Seafood.

Abstract: Seafood--how to purchase, store, prepare, and merchandise it--is the subject of this booklet. Seafood recipes are included, as well as suggestions on how to decorate the dining area of a seafood restaurant.

1596-73

SINGLE SERVICE SYSTEMS: EXCLUSIVE SURVEY SHOWING TRENDS AND ATTITUDES TOWARD FOODSERVICE DISPOSABLE SYSTEMS AND PERMANENT WARE 1972.

Institutions Magazine/Volume Feeding Management Chicago, Ill., und., 1972.

TX656.15 F6M

Attitudes, Dinnerware, Disposables, Surveys, Utensils.

Abstract: This volume reproduces the actual computer tabulation printouts for the 5th annual, exclusive foodservice disposables survey conducted by Institutions/VFM Magazine. It focuses on the products constituting a single service, disposables system. Foodservice executives' attitudes, awareness and opinions related to disposable items are included with a factual series related to use and non-use of specific products and related systems.

1597-73

INTERN RESEARCHES DISPOSABLE TRAYS.

Sch Foodserv J 25 (2): 37,39-41, Feb 1972.

389.8 SCH6

Costs, School food service, Trays, serving.

Abstract: Cost comparison between disposable and plastic compartmented trays in school food service.

1598-73

IS YOUR FRY KETTLE CAPACITY ADEQUATE?

Food Serv 34 (8): 13-19, Aug 1972.

389.2538 F732

Cooking equipment (Seals), Cooking methods, Frying, deep fat, Guides.

Abstract: A variety of both floor and counter fry kettles offered by manufacturers are pictured and described. Capacities and production output vary; leading manufacturers usually rate their models in terms of pounds-per-hour of French fries from raw to finished state. On this basis, the average standard counter model processes 24 to 30 pounds per hour; heavy-duty counter models and standard floor models produce from 60 to 65 pounds per hour; and super models deliver 125 pounds an hour. Primary characteristics of electric fryers are reviewed.

1599-73

IS YOUR KITCHEN OBSOLETE?

F N Glaspietro

Fast Food 71 (12): 50,52-54, Dec 1972.

389.2538 F82

Cooking equipment (Large), Food service industry, Kitchens, Stealing.

Abstract: Discussion of equipment for steam cooking in restaurants, fast food operations, and facets of food industry.

1600-73

IS YOUR KITCHEN OBSOLETE?

J Tener

Fast Food 71 (3): 135,137-138,143, Mar 1972.

389.2538 F82

Cooking equipment (Large), Ovens.

Abstract: Questions to be considered before purchasing convection, microwave, or other ovens.

1601-73

IS YOUR KITCHEN OBSOLETE: HOLDING AND SERVING UNITS KEEP FOOD WHOLESOME AND TASTY.

F N Glaspietro

Fast Food 72 (1): 30,32,102, Jan 1973.

389.2538 F82

Commercial food service, Equipment, Serving equipment.

Abstract: Large and small equipment for holding and serving food in restaurants.

1602-73

IS YOUR KITCHEN OBSOLETE?

Fast Food 71 (4): 102,105,108, Apr 1972.

389.2538 F82

Equipment, Food preparation.

Abstract: Deep fried food equipment.

1603-73

IS YOUR OVEN CAPACITY ADEQUATE?

Food Serv 34 (6): 16-20, June 1972.

389.2538 F732

Cooking equipment (Large), Cooking methods, Guides, Ovens.

Abstract: The electric convection oven can bake, brown, roast, reconstitute, defrost, and reheat. A standard-size model can process substantially more food in about 30 per cent less space than a conventional deep oven; two sections can be stacked to double capacity without using additional floor space. High-speed blowers continuously circulate heat across and around racked food in the cooking chamber; intensifying heat absorption, reducing cooking time for most foods, and lowering cooking temperatures by about 50 degrees F. for conventional foods of the same density. The fast penetration of heat is a particular advantage in preparing frozen convenience foods, and the convection oven is being used increasingly in fast, high-capacity production operations. It is providing tremendous savings in labor, time, space, and operating costs. Suggested times and temperatures for various foods and a list of manufacturers and various models are included.

1604-73

IT'S MULTIPURPOSE!

Modern Schools p. 7, Apr 1971.

L83243.M6

Dining rooms, Facilities planning and layout, School food service.

Abstract: This page of photographs shows multi-purpose dining rooms that can be converted to gymnasium, lecture rooms, or meeting rooms.

1605-73

KEY COMPONENT OF OPERATIONAL SUB-SYSTEM 5: STEAM PREPARATION EQUIPMENT.

Food Serv 34 (11): 22-26, Nov 1972.

389.2538 F732

Cooking equipment (Large), Cooking methods, Food service, Kitchens, Purchasing, Stealing.

Abstract: Steam preparation equipment reduces clean-up operations; retains color, aroma, and nutrients in foods; imparts heat rapidly with minimal temperature difference between the heat source and food; and is inexpensive to operate. The four basic types of steam equipment are: steam cookers (atmospheric, compartment, and high-compression); steam-jacketed kettles; steam food fresheners; and steam generators. Foods can be fully cooked for immediate service or partially prepared and refrigerated or frozen for later use. Vegetables, meats, cereals, eggs, fruits, pie fillings and puddings, pasta, and even coffee are among the foods that can be prepared in steam cookers.

1606-73

FOOD SERVICE PLANNING: LAYOUT AND EQUIPMENT.

Londal H Ketschever, Margaret E Terrell

New York, John Wiley & Sons, Inc. 449 p. 1961.

TX945.K64 F6M

Cleaning equipment, Equipment, Facilities planning and layout, Food service, Purchasing, Refrigeration, Serving equipment, Utensils.

Abstract: This book calls attention to significant aspects of food service planning. Planning the physical layout of the facility includes receiving and storage areas, food processing areas, serving facilities, sanitary measures, and the office or management section. Planning facilities and equipment includes mechanical, cooking, serving, and storage equipment, auxiliary equipment, transportation equipment, and utensils and tableware.

1607-73

HOW TO SELECT AND CARE FOR SERVICEWARE, TEXTILES, CLEANING COMPOUNDS.

Londal H Ketschever

Chicago, Institutions Magazine/Volume Feeding Management 201 p. Illus. 1969.

TX656.K6 F6M

Cleaning equipment, Dinnerware, Equipment, Purchasing, Serving equipment.

Abstract: This book is written to assist the average buyer in the institution in making the best purchasing decisions when selecting certain small but important capital items. Covered are textiles, serviceware and cleaning agents. The care of these items is also covered. To enable those individuals in the institution charged with the responsibility for purchase and care of these items to obtain essential information quickly and in the form needed, detail has been purposely omitted.

- 1608-73**
PRINCIPLES OF KITCHEN LAYOUT PLANNING FOR FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Robert F. Lukewski
Amherst, Mass. 12 p., illus. 1963.
TX655.N3 F54 (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 4)
Facilities planning and layout, Food preparation and distribution systems, Food service management, Kitchens.
Extract: This publication considers some aspects of planning a kitchen layout. It is not a manual on how to design kitchens. It is a brief review emphasizing a few of the important principles of layout planning to be considered in either planning a new kitchen or the rearrangement of an existing kitchen for more effective use of man and materials.
- 1609-73**
MICROWAVES: THE ULTIMATE MEANS FOR PROVIDING SHORT ORDER SERVICE AT FANTASTIC SPEEDS.
Food Serv. 33 (8): 27-30, Aug. 1972.
369.2538 F732
Convenience foods, Cooking equipment (Large), Food preparation, Microwave cooking, Ovens, Prepared foods.
Abstract: Reviewed here are the benefits of fast-serve cooking methods, along with tips on cookware and food preparation. Various manufacturers' models are pictured and described, and equipment details are given.
- 1610-73**
MISCELLANEOUS SMALL EQUIPMENT (FILM LOOP).
Marriott Training Consultants
Washington, Marriott Training Consultants 1 cassette, 35mm, sd, col, 15 min. Ind. I.
TX656.45 F54 AV
Equipment, Maintenance, Management education, Utensils.
For use in masterclass projector.
Abstract: This filmstrip introduces essential utensils for food service and hotel workers. It emphasizes the importance of using the right tool for a particular job. The filmstrip is useful for management orientation programs.
- 1611-73**
MODEL KITCHEN AT WAUSAUKEE.
Modern Schools 33, 10-11, Mar. 1972.
L83243.96
Facilities planning and layout, Kitchens, School food service, Wisconsin.
Abstract: This article consists primarily of photographs of the new all-electric food service facilities at the elementary school in Wausau, Wisconsin.
- 1612-73**
MODERN TILT TOWARD A COMPLETE COOKING CENTER.
Food Serv. 33 (6): 16-18, June 1971.
369.2538 F732
Cooking equipment (Small), Cooking methods.
Abstract: The tilting skillet can be used for stewing, sautéing, slawing, boiling, defrosting, grilling, roasting, and processing convenience foods. Of European origin, the skillet comes in various pan sizes. The overall design is generally the same: heavy-duty pan that swivels up to 90 degrees on a horizontal axis mounted on turnions; the gear-tilt mechanism is operated by a hand wheel or crank. The pouring lip makes it easy to transfer liquid and semi-liquid foods into serving pans. The swiveling cover is counter-balanced and can be actuated in the raised position. The control console consists of a thermostat dial and signal lights. Operating and cleaning directions are included in this article.
- 1613-73**
MODULE HEATS 24 DIFFERENT TYPES OF MEALS SEPARATELY, SIMULTANEOUSLY.
Tom Finnegan
Quick Frozen Foods 34 (10): 46-47, 100, May 1972.
369.8 34
Cooking equipment (Large), Food preparation, Frozen foods, Processed foods.
Abstract: This article describes a new module for heating 24 types of frozen foods at the same time. The system was designed for use in hospitals, airlines, and schools, because many different items can be heated simultaneously with an control setting. This cuts preparation time to a minimum.
- 1614-73**
COMMERCIAL GAS FIRED AND ELECTRICALLY HEATED HOT WATER GENERATING EQUIPMENT FOR FOOD SERVICE ESTABLISHMENTS USING DISHWASHING MACHINES.
National Sanitation Foundation
Ann Arbor, Mich. 39 p., illus. 1960.
TX657.D6N32 F6N (National Sanitation Foundation. Standard no. 51)
Dishwashing, Equipment standards, Facilities planning and layout, Sanitation.
Extract: This standard covers the public health and sanitation requirements for commercial hot water generating equipment heated by electricity, or gas. The equipment includes recirculation lines; connectors; instantaneous, automatic storage, and circulating tank water heating systems. The objective is to present a minimum sanitation standard for water heating equipment which, if properly sized, installed, and operated, will provide the required quantities of hot water at temperatures necessary for washing and sanitizing eating and drinking utensils and for other requirements of eating and drinking establishments using dishwashing machines.
- 1615-73**
COMMERCIAL POWERED FOOD PREPARATION EQUIPMENT.
National Sanitation Foundation
Ann Arbor, Mich. 29 p., illus. 1965.
TX656.N32 F6N (National Sanitation Foundation. Standard no. 4)
Equipment standards, Facilities planning and layout, Food preparation, Sanitation.
With revisions.
Extract: This standard covers the sanitation requirements for new, power operated commercial food preparation equipment. It applies to such units as mixers, peelers, grinders, slicers, tenderizers, meat saws, and similar equipment not now covered by other existing National Sanitation Foundation standards or criteria, together with attachments and/or accessories. This standard shall not include hand operated food preparation equipment.
- 1616-73**
AUTOMATIC ICE MAKING EQUIPMENT.
National Sanitation Foundation
Ann Arbor, Mich. 25 p., 1964.
TX656.N3 F6N (National Sanitation Foundation. Standard no. 121)
Equipment standards, Facilities planning and layout, Ice making equipment, Sanitation.
Extract: This standard covers the sanitation requirements for new commercial automatic ice making equipment. It is intended to cover equipment and devices used in the manufacture and processing of ice for human consumption, and such other attachments and appurtenances as are used in the storage, dispensing and handling of ice in connection with such equipment. This standard is not intended to cover block ice manufacturing plants.
- 1617-73**
MANUAL FOOD AND BEVERAGE DISPENSING EQUIPMENT.
National Sanitation Foundation
Ann Arbor, Mich. 27 p., 1966.
TX635.N32 F6N (National Sanitation Foundation. Standard no. 18)
Beverages, Equipment standards, Facilities planning and layout, Sanitation, Serving equipment.
Extract: This standard covers the sanitation requirements for new equipment and/or devices which dispense food or beverages either in bulk or portions, but not including vending machines or bulk milk dispensing equipment. It includes the basic principles of design, construction and performance as are necessary to achieve easy cleanability, food protection and freedom from harborages.
- 1618-73**
COMMERCIAL BULK MILK DISPENSING EQUIPMENT AND APPURTENANCES.
National Sanitation Foundation
Ann Arbor, Mich. 20 p., 1966.
TX657.N5N3 F6N (National Sanitation Foundation. Standard no. 201)
Equipment standards, Facilities planning and layout, Milk, Sanitation, Serving equipment.
Extract: This standard covers the public health and sanitation requirements for commercial bulk milk or milk product dispensers and related appurtenances, but not including the milk or milk product container. The objective of this standard is to establish a minimum standard for bulk milk dispensers which, when properly installed and operated, will maintain and dispense milk and milk products in a sanitary manner.
- 1619-73**
VENDING MACHINES FOR FOOD AND BEVERAGES.
National Sanitation Foundation
Ann Arbor, Mich. 33 p., 1964.
TX1560.N3 F6N (National Sanitation Foundation. Standard no. 25)
Equipment standards, Sanitation, Serving equipment, Vending machines.
With revisions.
Extract: This standard covers new equipment commonly known to the trade as "food and beverage vending machines". It includes the basic principles of design, construction and performance as is necessary to achieve easy cleanability, food protection and freedom from harborage.
- 1620-73**
POT, PAN AND UTENSIL COMMERCIAL SPRAY TYPE WASHING MACHINES.
National Sanitation Foundation
Ann Arbor, Mich. 26 p., 1970.
TX657.D6N322 F6N (National Sanitation Foundation. Standard no. 26)
Dishwashing, Facilities planning and layout, Sanitation.
Extract: This standard covers the public health and sanitation requirements for new commercial spray type pot, pan and utensil washing machines. The objective is to present a minimum standard for machines which, if properly installed and operated, will render pots, pans and utensils free of visible soil, wash water and detergent; leaving them clean, sanitized and reasonably dry.

1621-73

- 1621-73**
DETERGENT AND CHEMICAL FEEDERS FOR COMMERCIAL SPRAY TYPE DISHWASHING MACHINES.
 National Sanitation Foundation
 Ann Arbor, Mich. 18 p. 1969.
 TX657.D6N323 FCN (National Sanitation Foundation. Standard no. 291)
 Dishwashing. Equipment standards, Facilities planning and layout, Sanitation.
 Extract: This standard covers detergent feeders, drying agent injectors and similar devices intended to automatically maintain the concentration of additives in the prewash, or wash, or pumped rinse or final rinse waters of commercial spray type dishwashing machines.

- 1622-73**
COMMERCIAL COOKING EQUIPMENT EXHAUST SYSTEMS.
 National Sanitation Foundation
 Ann Arbor, Mich. 19 p. 1970.
 TX657.E9N3 FCN (National Sanitation Foundation. Standard no. 33)
 Cooking equipment (Large). Equipment standards, Facilities planning and layout, Sanitation, Ventilation.
 Extract: This standard covers the sanitation and ventilation performance requirements for commercial hoods and other devices designed and intended to provide local exhaust ventilation for commercial cooking equipment. This equipment includes hoods, special slot and vent units, plenum chambers, filters, built-in lighting equipment and all elements of the local exhaust ventilation system up to the point of connection with the exhaust duct system. The standard also provides basic formulas as a guide in designing the ventilating unit and the system to which they are connected from the standpoint of ventilation performance. It also includes criteria for filters and other devices for eliminating grease and other substances from the exhausted air before it reaches the duct system.

- 1623-73**
LAMINATED PLASTICS FOR SURFACING FOOD SERVICE EQUIPMENT.
 National Sanitation Foundation
 Ann Arbor, Mich. und. illus. 1973.
 TP1183.L3N3 FCN (National Sanitation Foundation. Standard no. 35)
 Equipment standards, Facilities planning and layout, Plastics, Sanitation.
 Extract: This standard covers the public health and sanitation requirements relating to the design and fabrication of laminated plastics (high and low pressure) intended for use as food splash and non-food contact surfaces of food service equipment.

- 1624-73**
DINNERWARE.
 National Sanitation Foundation
 Ann Arbor, Mich. 16 p. 1970.
 TP677.N3 FCN (National Sanitation Foundation. Standard no. 36)
 Dinnerware. Equipment standards, Sanitation.
 Extract: This standard covers new dinnerware intended for use in food service establishments. It includes plates, bowls, saucers, cups and similar items, regardless of size or configuration. It sets forth basic requirements of cleanliness, durability, shape and contour.

- 1625-73**
AIR CURTAINS FOR ENTRANCEWAYS IN FOOD ESTABLISHMENTS.
 National Sanitation Foundation
 Ann Arbor, Mich. 13 p. 1970.
 TX7663.A25N3 FCN (National Sanitation Foundation. Standard no. 37)
 Equipment standards, Facilities planning and layout, Facility requirements, Sanitation, Ventilation.
 Extract: This standard covers the sanitation and performance requirements for new air curtains for entranceways in food establishments. It shall apply to those air curtains intended for use on service entries, customer entries, service windows, cooler and cold storage entries, and such other entries as may be encountered in a food establishment. The housing, air moving equipment, air direction regulating devices and all other appurtenances to the air curtain are included as a part of the air curtain. The basic intended purpose of an air curtain is to prevent flying insects from passing through an opening. An air curtain is not intended to exclude cats, dogs or other animals, nor to serve as a replacement for a security door. Other uses of an air curtain include retention of cold or cooled air and containment of odors.

- 1626-73**
SPECIAL EQUIPMENT AND/OR DEVICES: BASIC CRITERIA NUMBER 2.
 National Sanitation Foundation
 Ann Arbor, Mich. 32 p. illus. 1965.
 TX656.V322 FCN (National Sanitation Foundation. Basic criteria no. 2)
 Equipment standards, Evaluation, Facilities planning and layout, Sanitation.
 With reprints.
 Extract: These basic criteria cover the sanitation requirements for equipment and/or devices used in the storage, preparation, or handling of foods and beverages. All applicable provisions contained herein and such additional specific requirements or exceptions as might be needed for proper appraisal shall constitute criteria for evaluation of devices or items

of equipment for which individual standards cannot practically be developed.

- 1627-73**
FOOD SERVICE EQUIPMENT AND APPURTENANCES.
 National Sanitation Foundation
 Ann Arbor, Mich. 55 p. illus. 1965.
 TX656.N3 FCN (National Sanitation Foundation. Standard no. 21)
 Equipment standards, Facilities planning and layout, Sanitation, Serving equipment, Storage equipment.
 With "descriptive details for the guidance of technical and supervisory personnel" (23 p.).
 Extract: This Standard covers equipment commonly known to the trade as "fabricated food service equipment". It includes kitchen, bakery, pantry and cafeteria units and other food handling and processing equipment, such as tables of all kinds and their component parts, counters, shelves, sinks and hoods. It includes the basic principles of design, construction, and performance as is necessary to achieve easy cleanability, food protection, and freedom from harborage which are applicable to equipment commonly known as fabricated food service equipment and their component parts or appurtenances.

- 1628-73**
DISPENSING FREEZERS INCLUDING RECOMMENDATIONS FOR INSTALLATION.
 National Sanitation Foundation
 Ann Arbor, Mich. 32 p. illus. 1970.
 TP495.N3 FCN (National Sanitation Foundation. Standard no. 6)
 Equipment standards, Facilities planning and layout, Freezers, Frozen desserts, Sanitation.
 Revised.
 Extract: This standard shall apply to the design, material and construction of dispensing freezers which by batch or continuous feed operation, process and dispense soft ice cream, ice milk, milks, custards and similar frozen dairy products directly into consumer used containers, and which products are not intended to be further processed in cold storage rooms, cabinets, tunnels or boxes for the purpose of rendering the products in a semi solid state.

- 1629-73**
COMMERCIAL COOKING AND HOT FOOD STORAGE EQUIPMENT.
 National Sanitation Foundation
 Ann Arbor, Mich. 35 p. 1970.
 TX657.C7N3 FCN (National Sanitation Foundation. Standard no. 4)
 Cooking equipment (Large), Cooking equipment (Small), Equipment standards, Facilities planning and layout, Sanitation.
 With revisions.
 Extract: This Standard covers the sanitation requirements for new commercial cooking and hot food storage equipment. It applies to such units as ranges, ovens, deep fat fryers, fat filters, griddles, broilers, steam and pressure cookers, steam jacketed kettles, toasters, retilers, hot beverage makers and their component waterheating equipment, counter appliances, and all other commercial hot food and beverage holding equipment and food warming equipment.

- 1630-73**
COMMERCIAL SPRAY-TYPE DISHWASHING MACHINES.
 National Sanitation Foundation
 Ann Arbor, Mich. 57 p. illus. 1965.
 TX657.D6N3 FCN (National Sanitation Foundation. Standard no. 3)
 Dishwashing. Equipment standards, Facilities planning and layout, Sanitation.
 With revisions.
 Extract: This Standard covers the public health and sanitation requirements for new commercial dishwashing machines of the spray-type. The objective is to present a minimum standard for machines which, if properly installed and operated, will render eating and drinking utensils free of visible soil, wash water and detergent; leaving them clean, sanitized and reasonably dry.

- 1631-73**
SODA FOUNTAIN AND LUNCHEONETTE EQUIPMENT.
 National Sanitation Foundation
 Ann Arbor, Mich. 75 p. 1969.
 TP635.N3 FCN (National Sanitation Foundation. Standard no. 1)
 Equipment standards, Facilities planning and layout, History, Sanitation, Soda fountains.
 Revised.
 Extract: This Standard covers equipment commonly known to the trade as soda fountain and luncheonette equipment. It includes creamers and beaters, cafeteria units, hot and cold food units, and other food handling and processing equipment, such as tables of all kinds and their component parts, counters, shelves, sinks and hoods. It includes the basic principles of design, construction and performance as is necessary to achieve easy cleanability, food protection and freedom from harborage which are applicable to equipment commonly known as soda fountain and luncheonette equipment and their component parts or appurtenances.

- 1632-73**
FOOD SERVICE REFRIGERATORS AND FOOD SERVICE STORAGE FREEZERS.
National Sanitation Foundation
Ann Arbor, Mich. 29 p. illus. 1966.
TP493.N3 F64 (National Sanitation Foundation. Standard no. 7)
Equipment standards, Facilities planning and layout, Freezers, Refrigerators, Sanitation, Storage equipment.
With revisions.
Abstract: This standard covers the sanitation and performance requirements for new food service refrigerators and food service storage freezers of the type generally used in the food service industry. It is intended to cover cabinets operating in the freezer, above freezing, or below freezing temperature ranges, and designed for the storage and/or display of varieties of food products. It applies to reach-in-refrigerators and reach-in frozen food cabinets; walk-in refrigerators and walk-in frozen food cabinets; undercounter refrigerators and undercounter frozen food storage cabinets; and open and closed refrigerators. This publication also includes a section on recommended installation procedures and practices.
- 1633-73**
A NEW CONCEPT IN COMPACTS: ALL-ELECTRIC MINI FACILITY.
Food Serv 33 (4): 53-55, Apr 1971.
389.2538 F732
Commercial food service, Facilities planning and layout, Food service, Kitchens.
Abstract: The "Dine-A-Mite" all electric fast-food facility is the first of a series of prototype systems designed for this magazine by Frank M. Standough. The facility is designed for maximum service in minimum space, with appreciably lower investment costs than conventional-size fast-food operations.
- 1634-73**
NEW DIMENSIONS IN ALUMINUM DISPOSABLES.
L McKeon
Cooking for Profit 40 (247): 38-43, Jul 1971.
TX901.C6
Cooking methods, Food wrappings, Food service industry, Insert pans, Serving equipment, Steam tables, Storage equipment.
Abstract: Many types of aluminum disposable containers and food wrappings, together with uses, are discussed.
- 1635-73**
NEW DIMENSIONS IN MICROWAVE COOKERY.
R Dielfenderfer
Forecasts Home Econ 18 (5): F14-F15, F34, F36-F37, Jan 1973.
321.6 M752
Cooking equipment (Large), Microwave cooking, Ovens.
Abstract: Power supply, mechanics, cookery, markets, and selection of appropriate microwave ovens are discussed.
- 1636-73**
NEW ELECTRIC KITCHEN SYSTEMS ADDED TO 1970 LAURELS ROSTER.
Food Serv 32 (8): 18, 42-43, Aug 1970.
389.2538 F732
Food service, Kitchens, School food service, School lunch programs.
Abstract: This article describes, in words and pictures, 3 award-winning kitchens in 3 different types of food service operations - an industrial plant, a hotel, and a high school.
- 1637-73**
NEW KITCHEN SOPHISTICATION WITH ELECTRIC STEAM COOKERS.
Food Serv 33 (3): 20-24, Mar 1971.
389.2538 F732
Cooking equipment (Large), Food preparation, Kitchens, Steaming.
Abstract: Whether used for prime cooking, reheating, or substituting, the modern electric steamer is a high-efficiency item with minimal labor input. Steam is clean, doesn't burn food on pans, is amazingly speedy, and produces top quality results. Three basic types of cookers are in use: high-compression, compartment, and atmospheric. Features of each are described and operating and cleaning guides given.
- 1638-73**
NEW LOOK AT OLD ORCHARD.
A Grasseff
Sch Lunch J 24 (2): 22-23, Feb 1970.
389.6 SCH6
Food service, School lunch programs, Type A lunch.
Abstract: A conveyor system of food service at Old Orchard Junior high serves 30 people per minute.
- 1639-73**
SCHOOL LUNCH ROOMS; THEIR PLANNING AND EQUIPMENT.
New Mexico, Dept. of Education
Santa Fe, N.M. 23 p. ill.d.1.
TX655.N4 F64
Construction (Process), Dishwashing, Equipment, serving, Facilities planning and layout, Kitchens, School food service, Storage.
Abstract: This application is intended as a guide for planning and equipping new lunchrooms or for remodeling existing facilities. It covers the various factors to be considered in planning each of the different areas of the lunchroom, and emphasizes the importance of allowing for future expansion.
- 1640-73**
NEW MODELS 1971 - COFFEE BREWERS, SERVING EQUIPMENT, TOASTERS.
Food Serv 33 (2): 16-21, 41, Feb 1971.
389.2538 F732
Equipment, Guides, New products.
Abstract: This picture catalog of 1971 electric food service equipment includes coffee brewers, serving equipment, toasters, ovens, microwave ovens, steam cookers, dishwashers, booster water heaters, preparation equipment, mobile equipment, and dispensers.
- 1641-73**
NEW MODELS 1971 - FRY KETTLES & FILTERS.
Food Serv 33 (1): 34-36, Jan 1971.
389.2538 F732
Cooking equipment (Large), Equipment, Ovens.
Abstract: This is a list (with photographs) describing new models of kitchen equipment, their capacity, and where they are manufactured.
- 1642-73**
NEW SEATING PATTERNS ADD VISUAL VARIETY.
Sch Foodserv J 26 (6): 44-46, June 1972.
389.6 SCH6
Behavior, Cafeterias, School food service.
Abstract: Taking the institutionalization out of school cafeterias by varying the floor plans; several interesting plans are illustrated. Behavior is affected by the appearance of the cafeterias.
- 1643-73**
INSTRUCTOR'S GUIDE FOR PRESENTING EQUIPMENT USE AND CARE.
North Carolina, Dept. of Public Instruction
Raleigh, N.C. 397 p. 1967.
TX656.N4 F64
Dishwashing, Equipment, Food service training, Refrigeration, Safety, Sanitation, School food service, Work simplification.
Abstract: This is the third in a series of basic course outlines for use in training school food service personnel on a uniform, state-wide basis. This course is designed to give complete instructions in the efficient use and care of a majority of equipment found in most school food service operations.
- 1644-73**
FACILITIES GUIDE: TAP HEEL SCHOOL FOOD SERVICE.
North Carolina, Dept. of Public Instruction
Raleigh, N.C. 44 p. ill.d.1.
TX655.N4 F64
Equipment, Facilities planning and layout, Food service training, School food service, Specifications.
Abstract: This guide was developed to help school food service directors, architects, and others, by suggesting some rather specific standards for food service facilities. It was intended to serve as a nucleus for the development of common standards.
- 1645-73**
NOW THE TREND IS TO WASTE COMPACTORS.
Food Serv 33 (4): 57-61, Apr 1971.
389.2538 F732
Equipment, Guides, Sanitation, Waste disposal.
Abstract: Modern sanitation systems have taken a step toward solving the problems of trash reduction and materials recycling. At present, there are more than a dozen makes on the market—with model sizes and capacities designed for use in large institutions. The compactor is usually situated at the loading dock and consists of a charge box with a hopper opening and a hydraulically operated ram; power is supplied by electric motors in standard voltages. Compression ratios range from 4-to-1 to 8-to-1, but actual reduction depends on the type and density of the waste being handled. A number of models are designed for sanitary handling of high-liquid content materials and can be used for mixed food waste. Included are photographs of the compactors and a directory of compactor and crusher manufacturers (including the name of each line).
- 1646-73**
ONE KITCHEN SERVES TWO SCHOOLS.
Modern Schools p. 15, Jan 1972.
LB3243.N6
Facilities planning and layout, Food delivery systems, Kitchens, School food service.
Abstract: A new all-electric 5,000 square foot kitchen serves 300 students in the elementary school where it is located and 70 students in a nearby school. The schools are in Legend, Pennsylvania.
- 1647-73**
OUR EVOLVING TECH. LOGY.
Food Serv 34 (1): 16-22, Jan 1972.
389.2538 F732
Cooking equipment (Large), Cooking methods, Equipment, Facilities planning and layout, Frying, deep fat, Grilling, Microwave cooking, Ovens.
Abstract: This article describes new advances made in food service equipment—new electrical applications, microwave and infra-red technology, second-generation convection ovens, roll-in racks, and waste compactors. Examples of equipment are pictured and described, and manufacturers are listed.

1646-73

1648-73

SCIENCE FUNDAMENTALS: A BACKGROUND FOR HOUSEHOLD EQUIPMENT.

Louise J Post
Ames, Iowa, the Iowa State University Press 132 p. 1972.
TX149.P43 F6N
Building equipment, Chemistry, Cleaning equipment, Equipment, Home economics, Physics.
Abstract: Information on household equipment is based largely on a fundamental knowledge of chemistry and physics. This textbook presents such information in simplified, non-technical terms. Chapters include material on (1) the structure of matter, (2) materials used in household equipment, (3) laundry aids, (4) basic mechanics, (5) heat production and transmission, (6) electricity, (7) light, (8) gas, (9) household electronics, and (10) pollutants.

1649-73

HOUSEHOLD EQUIPMENT. 6th ed.

Louise J Post
New York, John Wiley & Sons 540 p. 1970.
TX298.P4 F6N
Cleaning equipment, Cooking equipment (Small), Equipment, Equipment storage, Maintenance, Purchasing, Utensils.
Abstract: This sixth edition contains a new introductory chapter on the increased use of household appliances and the attendant growth of the equipment industry. The homeowner learns about the reliability of manufacturer and dealer, the availability of servicing, guarantees and what they stand for, and the relative cost of buying on time and paying cash. Illustrations of the Approval Seal for gas and electric appliances are shown and their worth evaluated. There is a section on household electronics, including solid state controls, and a chapter on heat principles has been added for the first time. Personal care appliances have appeared on the market in increasing numbers, and varieties. A separate chapter discusses their uses and advantages. New features of equipment and new information on appliances used in the kitchen and laundry have been included. Most of the illustrations are also new.

1650-73

PHILADELPHIA HOT LUNCH PROGRAM: A MODEL FOR LOW-BUDGET SCHOOLS.

Modern Schools p. 12. May 1972.
LB3243.M6
Canned foods, Ovens, School lunch programs, Type A lunch.
Abstract: The Philadelphia Catholic schools have developed a lunch program that makes hot, type A, lunches possible in schools without kitchen facilities. The program utilizes a line of canned entrees and an electric oven-dispenser.

1651-73

PREPARATION-PROCESSING - PART 2.

Evelyn Evans
Food Serv 35 (4): 19-24, 71-73. Apr 1973.
389.2538 F732
Cooking equipment (Large), Facilities planning and layout, Food preparation, quantity, Guides, Ovens.
Abstract: This guide focuses on microwave ovens, electric convection ovens, electric fry kettles, electric pressure fryers, electric griddles, electric tilting fryers, electric broilers, electric ranges, electric toasters, and electric coffee makers. Each piece of equipment is described and its place in the overall food preparation scheme is outlined.

1652-73

A PROFESSIONAL'S TOUR GUIDE: BIG MAC'S FOODSERVICE.

J R Myers
Cooking for Profit 40 (245): 28-34, 36, 38, 40-42, 74. May 1971.
TX901.C6
Banquets, Commercial food service, Equipment, Kitchens, Restaurants.
Abstract: Description and floor plans for Big Mac kitchens and restaurants, including banquet halls.

1653-73

PROFILE PLAN OF A FOOD SERVICE OPERATING SYSTEM FOR THE 70'S: PART 3.

Food Serv 33 (5): 45-48. May 1971.
389.2538 F732
Equipment, Facilities planning and layout, Facility requirements, Food service.
Abstract: Starting at the back door with the receiving dock, this plan takes into consideration the following: storage, fabrication and pre-preparation, food assembly and service, and dish and pot washing. Emphasis is on electrical equipment, convenience, and easy maintenance.

1654-73

PUT IT ON "WHEELS" FOR CONVENIENCE AND FLEXIBILITY.

Modern Schools p. 10-12. Apr 1972.
LB3243.M6
Equipment, Facilities planning and layout, School food service.
Abstract: Mobile or "wheeled" food service equipment has three major advantages. Since the mobile equipment can be wheeled into position and after it has been used, it can be moved out of the line of traffic, dual use--on wheels many pieces of equipment can be moved from one kitchen area to another for maximum use and convenience; and convenience--carts, racks, work tables and dish dispensers save time and labor through the convenience of loading them in one area and moving them to point-of-use areas.

1655-73

QUALITY FOOD SERVICE MUST BRIDGE THE TEMPERATURE GAP BETWEEN COOKING AND SERVING.

Food Serv 33 (12): 13-15. Dec 1971.
389.2538 F732
Guides, Serving equipment.
Abstract: Electric hot food holding equipment maintains cooked foods at desirable serving temperatures and inhibit the growth of bacteria. Sketches of various models, an operating guide, tips on cleaning care, a description of infra-red models, and a table of suggested temperature and moisture settings are included in this manual.

1656-73

RECONSTITUTING OVENS: FOR FOODS AT THE TOP OF THE "RAW-TO-READY" SCALE.

Food Serv 32 (11): 49-51. Nov 1970.
389.2538 F732
Cooking equipment (Large), Equipment, Frozen foods, Ovens.
Abstract: This equipment procurement guide for infra-red or quartz-glass ovens describes the five makes and models on the market. Details, such as dimensions, electrical data, and capacity, are included, along with sketches. The ovens were designed to heat frozen or refrigerated foods to optimal serving temperatures very rapidly and with exceptional quality control in the heating process. They can also be used for many conventional cooking procedures.

1657-73

REFRIGERATION: THE 24-HOUR-A-DAY WORKHORSE.

Cooking for Profit 42 (267): 26, 30, 32, 50. Mar 1973.
TX901.C6
Commercial food service, Food service industry, Freezers, Refrigeration, Storage equipment.
Abstract: What to look for when buying refrigeration and freezer equipment, who makes it, and how to care for it.

1658-73

ROLE OF A UNIQUE PRODUCT SAFETY TESTING ORGANIZATION.

Food Serv 33 (11): 49-51. Nov 1971.
389.2538 F732
Electricity, Equipment, Facilities planning and layout, Food service, Merchandise information, Safety.
Abstract: This article describes the work of Underwriters' Laboratories in testing the reliability and quality of electrical equipment, especially equipment used by food service operations. Although Underwriters' Laboratories is a service and makes no profit, manufacturers of electrical devices willingly bear the costs of the scrupulous testing procedures in order to earn the coveted UL seal on their products.

1659-73

THE ROLE OF RANGE HOODS IN MAINTAINING RESIDENTIAL AIR QUALITY.

P J Annis, J C Annis
J Home Econ 63 (4): 271-276. Apr 1971.
321.8 J82
Air contaminants, Home management, Stove hoods.
Abstract: Cooking is a major source of air contaminants in the home. Types of cooking-generated contaminants and function of vented and recirculating range hoods are described and evaluated.

1660-73

SCHOOL BUILDING DESIGN MEETS EDUCATIONAL PHILOSOPHY IN BOYERTOWN.

Modern Schools p. 10. May 1972.
LB3243.M6
Elementary schools, Facilities planning and layout, Kitchens, School food service.
Abstract: The new elementary school in Boyertown, Pennsylvania, is all-electric and includes a large kitchen with a line-up of electric cooking equipment sufficient to prepare 700 type A lunches a day.

1661-73

SECOND-GENERATION RECONSTITUTION SYSTEMS.

G E Livingston, Charlotte M Cheng
Cornell Hotel And Restaurant Admin Quarterly 13 (1): 57-64. May 1972.
TX901.C67
Cooking equipment (Large), Equipment, Food technology, Frozen foods.
Extract: There has been a proliferation of different types of heating equipment utilizing various means of energy transfer, basically involving conduction, convection, radiation and moist heating. Technological improvements have been made which truly warrant the term "second-generation reconstitution systems" being applied collectively to a number of the units now in existence. This is not to suggest that this second-generation equipment necessarily responds in an optimal fashion to all existing equipment needs. This article briefly reviews some of these equipment needs, along with the limitation of the first-generation equipment. It also examines more fully the capabilities of the second-generation equipment and suggests some useful directions to be taken in the design of the third-generation equipment.

1662-73

SERVICE JUICE DISPENSERS EVALUATED: PROZEN JUICE MOST ECONOMICAL, EFFICIENT.

Quick Frozen Foods 33 (10): 78-79. May 1971.

349.4 Q4

Food preparation: Frozen foods, Juices, Packaging.
Abstract: Results of a California school test have shown that frozen orange juice concentrate in dispensers is less costly than in individual containers. Labor expenses for dispenser juice preparation is lower than for bulk preparation. An eight-week study outlines how to use the dispenser machines.

1663-73

A SIMPLIFIED SYSTEMS APPROACH TO MULTI-UNIT DESIGN.

Bruce Smith

Food Serv. 34 (10): 31-34, Oct. 1972.

349.2538 F732

Commercial food service: Facilities planning and layout, Interior design, Merchandising, Restaurants.

Abstract: The O'Hare International Tower Hotel, cheek by jaw with the airport of the same name in Chicago, features five eating places: French, English, Balkan, Swiss, and American. Each restaurant has a coordinated design concept encompassing the furnishings, utensils, dishes, menus, waiters, and waitresses. The layout of each facility is shown, with operational data and sketches of the interior and of the costumes worn by the personnel.

1664-73

HOSPITAL STUDY OF PATIENT FEEDING ON SINGLE SERVICE.

Single Service Institute

New York, N.Y. 15 p. 1972.

RA975.5.D555 FEN

Cost effectiveness: Dishware, Hospital food service, Serving equipment.

Abstract: The City Hospital Center at Elmhurst, Queens, N. Y., in cooperation with the Single Service Institute, undertook a month-long test comparing the costs of operating a patient kitchen with disposable plates, cups, and dishes and with conventional china. Results of the study indicated that a definite savings could be realized if disposable single service products were introduced full time.

1665-73

SINGLE SERVICE WARE AND TODAY'S CONSUMER.

Food Serv. 34 (11): 43-50, 76-77, Nov. 1972.

349.2538 F732

Cost effectiveness: Disposables, Equipment, Packaging, Purchasing, Utensils.

Abstract: Consumer acceptance of disposable ware is reviewed. A two-page table lists the manufacturers of single service ware and the items available from each, including containers for beverages, entrees, soups, salads, desserts, snacks, and carry-out service, and miscellaneous disposables, such as trays, tray covers, flatware, drinking straws, lids, napkins, place mats and table cloths, packaging materials, and cooking containers.

1666-73

SINGLE SERVICE: FACTS, NOT TALK.

Institut/Vol Feeding 72 (5): 41-42, Mar. 1, 1973.

TX820.15

Disposables, Food service, Surveys, Utensils.

Abstract: This article presents facts on the use of single service ware by food service establishments as revealed by a survey of food service managers. These facts indicate that (1) use of single service items is growing, (2) single service ware is being used for all kinds of meal service, not just carry-out items, (3) tableware is only one small part of the single service market, (4) single service ware is no more costly than permanent, reusable ware, and (5) technology is solving many of the problems connected with disposal of single service items.

1667-73

SINGLE SERVICE: THE CREATIVE PLUS.

Institut/Vol Feeding 72 (5): 43-50, Mar. 1, 1973.

TX820.15

Disposables, Food service, Merchandising, Utensils.

Abstract: These pages contain illustrations of single service table settings, showing food service managers that single service ware can be beautiful. The photographs and descriptions provide ideas for merchandising and for combining single service with multi-service ware.

1668-73

SIX SOLUTIONS TO WARE HANDLING.

Eldor A. Kluge

Institut/Vol Feeding 72 (6): 94-95, Apr. 15, 1973.

TX820.15

Dishwashers, Dishwashing, Equipment, Facilities planning and layout, Food service, Fork sterilization.

Abstract: This article presents six blueprints showing Scrap and Stack warewashing systems for three types of operations: (1) an operation using permanent ware that requires a 90-minute scraping period, (2) an operation using both permanent and disposable ware with facilities for washing only trays and silverware, and (3) warewashing operation adapted to a dietary department. The Scrap and Stack system is "the result of the proper amalgam of equipment and labor utilization."

1669-73

SIZE UP THE MODERN ELECTRIC GRIDDLES.

Food Serv. 33 (5): 12-13, May 1971.

349.2538 F732

Cooking equipment (Large), Equipment, Kitchens.

Abstract: Instant temperature recovery and quality performance are critical in griddling. The secret of today's griddle is the high power input to scientifically arranged heating elements that are clamped to the underside of the griddle plate. Uniform heat is maintained by automatic thermostatic controls that measure the temperature present on the grill (most models have a range of 200 to 450 degrees F.). Griddle sizes range from 14 to 72 inches, and most major manufacturers offer two or three lines with different capacities and performance. A directory of electric griddle manufacturers is included, along with sketches of various models.

1670-73

SPACE NEEDED FOR STORING AND COOLING COMMONLY USED FOODS.

L. A. X. Frilich

Sch. Lunch J. 25 (1): 40, 42, 44, Jan. 1971.

349.4 SCH6

Convenience foods, School food service, Storage equipment.

Abstract: Charts of commonly used foods in school lunches, indicating size of space needed for each: frozen foods, perishable foods.

1671-73

SPECIAL FOODS & EQUIPMENT FOR THE FOOD SERVICE INDUSTRY.

Edward L. Perkins, William S. Jr. Penn

Food Technol. 24 (9): 30, 31, Sept. 1972.

349.4 F7398

Convenience foods, Cooking equipment (Large), Food packaging, Food service industry, Microwave cooking, Prepackaged portioning, Systems analysis.

Abstract: In the dynamic food service industry, there are certain basic trends that will have significant effects on future markets for equipment and on the special foods that will be increasingly utilized. In broad terms, the food service industry will become capital intensive--the normal response by industry to rapidly increasing labor costs and shortages of specially skilled craftsmen. This industrial revolution has been quite late in reaching the food service industry, but it is now well under way. Within the next few years, resultant changes will spread through the industry. Certain of the problems inherent in this growth industry, that will open opportunities for technological innovations, are discussed.

1672-73

SUA-SYSTEM 2: THE STATUS OF STORAGE.

Evelyn Evans

Food Serv. 35 (1): 14-22, 59-61, Jan. 1973.

349.2538 F732

Convenience foods, Facilities planning and layout, Food service, Storage equipment.

Abstract: Conversion to convenience food systems requires an analysis of existing storage facilities. To determine the types and capacities of storage equipment needed, the storage requirements of the products to be used must be evaluated. The type of operation--school lunch, hospital feeding, commercial restaurant--is another important consideration. Regarding dry storage space, it is important to determine whether a permanent or single-service ware system will be used. A guide to the various types of storage equipment is included, and the efficiency of refrigeration equipment is analyzed. The storage "sub-system" should be integrated with the other basic sub-systems to produce an orderly work flow (a chart shows the relationship of the eight sub-systems); the importance of careful planning and placement of the storage area is indicated by this systems work flow.

1673-73

A SYSTEMS APPROACH TO WAREWASHING EQUIPMENT.

Food Serv. 34 (9): 46-48, Sept. 1972.

349.2538 F732

Cost effectiveness, Dishwashers, Dishwashing, Equipment, Purchasing, Sanitation.

Abstract: There are five basic models of warewashing machines: counter and undercounter, free-standing (roll or hood type), door type, rack conveyor, and belt conveyor. Additional equipment includes: racks, carts, air-scrubbers, tableware dispensers, rack dollies, booster water heaters, and soak sinks. To assist in selecting the best machine and equipment for a particular operation, a checklist is outlined, based on the menu and meal volume, dining facilities, location and dimensions of the dishroom, local codes, hot water capacity, water quality, and so on. Equipment from various manufacturers is described.

1674-73

SYSTEMS SOLUTION FOR THE 73'S; PART 1.

Food Serv. 33 (1): 51-54, Jan. 1971.

349.2538 F732

Electricity, Equipment, Food service.

Abstract: This basic account of the growth of electricity in food service deals with the organizational structure of the electric utility (customer services are usually of three kinds: residential, commercial, and industrial). The growing demand for electrical power has led to concern about air pollution. Arguments in favor of total electrification are given. In addition, the versatility of such systems is pointed out, with emphasis on reduced labor input.

1675-73

SYSTEMS SUPPORT WITH KEY PROCESSING EQUIPMENT.

Food Serv. 34 (2): 46-52, Feb. 1972.

349.2538 F732

Cooking equipment (Large), Equipment, Guides, Serving equipment.

PAGE 133

1676-73

ent, Waste disposal.
Abstract: This guide, continued from the January issue, describes and depicts new models of cooking equipment, beverage dispensers, and waste compactors.

1676-73

TEXTILES UPDATED FOR TODAY'S DIETITIAN.
M J Guilford
J Can Diet Assoc 31 (3): 154-157, Sept 1970.
389.9 C1632
Dietitians, Textiles.
Abstract: Advantages of polyester-cellulose textiles for personnel in food service; permanent-press, self-releaser, and disposable fabrics are also discussed.

1677-73

THE TURNED ON TABLE TOP.
Food Serv 34 (5): 10-13, May 1972.
389.2538 F732
Evaluation, Interior design, Surveys, Table settings, Utensils.
Abstract: This Gallup survey found that Americans are very observant and conscious of the table settings and general decor where they eat. Two items scored highest in customer preference: (1) table top linens changed for each customer, and (2) silverware provided for all the dishes served. The third most popular preference was for colorful linens, with table cloths and linens matching the decor of the diningroom, although people 55 years of age and older preferred white linens.

1678-73

LAYOUT, EQUIPMENT, AND WORK METHODS FOR SCHOOL LUNCH KITCHENS AND SERVING LINES.
U.S., Agricultural Research Service
Konrad Aledermann
Washington, D.C. 45 p. tables, 1966.
TX655.U5 F5N (U.S. Agricultural Research Service. Marketing research report no. 73)
Facilities planning and layout, Food preparation and distribution systems, Kitchens, School lunch programs, Work simplification.
Abstract: The objectives of this study include the development of (1) guides for planning of new school kitchens and lunchroom facilities and for safer remodeling of such facilities, and (2) standards of labor utilization for three sizes of cafeterias. This study centered on operations providing the Type A meal program since it assures a nutritionally well-balanced meal. However, data in this report can be used by a local school serving a limited number of food items on a la carte basis in addition to a Type A meal.

1679-73

EQUIPMENT GUIDE FOR PRESCHOOL AND SCHOOL AGE CHILD SERVICE INSTITUTIONS.
U.S., Food and Nutrition Service
Washington, D.C. 13 p. illus, 1972.
TX656.J9 F5N (U.S. Food and Nutrition Service. PA-999)
Equipment, Facilities planning and layout, School food service, Specifications.
Abstract: This publication is printed for State agencies, service institutions, and others concerned with planning and equipping kitchens and dining areas of day care centers and other child service institutions participating in the U.S. Department of Agriculture's Special Food Service Program for Children. The minimum kitchen equipment and facilities necessary to prepare breakfast, lunch, supper, or any combination of these meals for 15 to 100 children are specified in this publication. The equipment suggested also takes into consideration the possible serving of supplemental foods between meals, depending upon the children's needs and the time of the day they are in attendance. The selection and specification of certain pieces of equipment in this publication are based on the cost, durability, and compatibility with other pieces of equipment. The type, capacity, or quantity of equipment may be adjusted to meet the requirements of age and needs of the children.

1680-73

THE USE & ABUSE OF EQUIPMENT.
Arthur C Avery
Food Mgt 5 (2): 54-67, 81, 89, Feb 1973.
TX943.F6
Equipment, Equipment storage, Food service management, Food service training, Work simplification.
Abstract: Today's high kitchen costs make it mandatory that equipment be used properly and efficiently and kept in good repair. The author discusses the uses and abuses of ovens, deep fat fryers, mechanical meat tenderizers, frypans, steam jacketed kettles, steamer and pressure cookers, and vertical cutter mixers.

1681-73

PLANNING THE SCHOOL FOOD SERVICE FACILITIES.
Utah, Board of Education, Division of School Food Services
Salt Lake City, Utah 68 p. 1967.
TX655.U8 F5N (School plant planning series)
Equipment, Facilities planning and layout, Kitchens, Specifications, Storage.
Revised.
Abstract: Evaluations of food service equipment, kitchen design and food service facilities are comprehensively reviewed for those concerned with the planning and equipping of new

school lunchrooms or the remodeling of existing facilities. Information is presented in the form of general guides adaptable to specific local situations and needs, and is provided for location space, construction features, and equipment. For each food service area, equipment needs are listed for serving a range from 100-750 diners per meal. Included is a glossary of engineering and architectural symbols and abbreviations plus scaled templates of food service equipment for food service area layouts, and a bibliography.

1682-73

WALK-IN COOLING.
G M Prince
Sch Lunch J 25 (1): 31-32, Jan 1971.
389.8 SCH6
Costs, Economics, Refrigeration, School food service, Storage equipment.
Abstract: Points to be considered in selection of walk-in refrigeration; prefabricated, add-on models are recommended.

1683-73

WEAVER SPEEDS CHICKEN PROCESSING WITH GIANT MICROWAVE SYSTEM.
Quick Frozen Foods 34 (7): 49, Feb 1972.
389.8 Q4
Cooking equipment (Large), Cooking methods, Frozen foods, Microwave cooking, Poultry, Processed foods.
Abstract: The Varian conveyorized system cooks 3,200 pounds of chicken per hour. The article describes how this system allows greater retention of natural juices and improved flavor. The system needs no even warm-up time and operates at a lower even temperature than conventional cooking methods.

1684-73

WHAT IS THE BEST SEATING FOR LUNCHROOMS?
C W McGuffey, O J Harrison
Sch Lunch J 25 (1, 2, 3): 59-60, 62, 64, 66-68, Oct 1970.
389.8 SCH6
Equipment, Food service management, School food service.
Abstract: Selection and spacing of various shaped tables and chairs for maximum seating in school lunchrooms.

1685-73

WHAT MAKES KITCHENS WORK RIGHT?
H Senstadt
Cooking for Profit 40 (252): 18-26, Dec 1971.
TX901.C6
Commercial food service, Equipment, Food preparations, Food service, Kitchens.
Abstract: Efficiency and high productivity result when design takes into consideration proper relationship of equipment to personnel within the flow pattern of food from receiving to cleanup.

1686-73

THE FINISHING KITCHEN.
Jule Wilkinson
Chicago, Institutions Magazine 107 p. 1969.
TX653.I5 F5N
Broilers (Equipment), Convenience foods, Cooking equipment (Small), Food preparations, Grilling, Microwave cooking, Ovens.
Abstract: Food items for immediate service and convenience food items are prepared in a finishing kitchen. This booklet discusses the types of equipment used in a finishing kitchen (griddles and grills, fryers, broilers, convection and microwave ovens, and infra-red lamps), giving the uses and limitations of each. Lists of award-winning finishing kitchen operations and designers of such, as well as a list of fabricators and installers is included.

1687-73

THE COMPLETE BOOK OF COOKING EQUIPMENT.
Jule Wilkinson
Boston, Institutions/volume Feeding Magazine 257 p. 1972.
TX656.W5 F5N
Cooking equipment (Large), Cooking equipment (Small), Equipment, Frozen foods, Recipes, Refrigeration, Storage equipment.
Abstract: This latest in the series of publications on foodservice equipment that has been assembled over the years by Institutions/VF Magazine offers basic information on major categories of foodservice equipment as well as a selection of specialty equipment items now available. Recipes that can be prepared on the various kinds of equipment have also been collected.

1688-73

THE 3C'S OF ATMOSPHERE, II.
Jule Wilkinson
Chicago, Institutions Magazine/volume Feeding Management 127 p. 1969.
TX659.W52 F5N
Commercial food service, Equipment, Facilities planning and layout, Hotels, Interior design, Maintenance, Merchandising.
Abstract: This is a two-volume booklet dealing with the creation, collection, and care of equipment that adds to the atmosphere and decor of a hotel or food service establishment. Volume one includes chairs, tables, fabrics, linens, and bedding. Volume two includes walls, floors, and lighting. A directory of equipment suppliers is listed in both volumes.

1689-73

THE 30'S OF ATMOSPHERE, I.
Jule Wilkinson
Chicago, Institutional Magazine/Volume Feeding Management 105
p. illus. 1969.
TX859.W52 F6M
Commercial food service. Equipment. Facilities planning and layout. Hotels. Interior design. Maintenance. Merchandising. Abstract: This is a two-volume booklet dealing with the creation, collection, and care of equipment that adds to the atmosphere and decor of a hotel or food service establishment. Volume one includes chairs, tables, fabrics, linens, and bedding. Volume two includes walls, floors, and lighting. A directory of equipment suppliers is listed in both volumes.

1690-73

YOUR BIGGEST INVESTMENT (FILM LOOP).
Marriott Training Consultants
Washington, Marriott Training Consultants 1 cassette, 35mm, sd, col, 10 min. (n.d.).
TX912.Y55 F6M AV
Cleaning equipment. Dishwashers. Maintenance.
For use in Mastermatic projector.
Abstract: This filmstrip demonstrates the proper methods and procedures for using and maintaining various types of dishwashing machinery.

1691-73

THE YOUTH MARKET PAYS TO DO ITS THING.
Jerry J Greenfield
Institutional Feeding 70 (6): 109-112. Mar 15, 1972.
TX520.15
Facilities planning and layout. Food service management. Interior design. Merchandising. Young adults (20-34 years). Abstract: This article illustrates in words and pictures ways to decorate a food service establishment to appeal to young people.

1692-73

1972 SCHOOL FOOD SERVICE SHOWCASE.
Modern Schools 33. 9-12. Sept 1972.
LB3243.46
Directorates. Equipment. Foods. School food service. Abstract: Twenty-four different items of food and equipment are shown and described, from cline benches to walk-in freezers and back.

Sanitation and Safety

1693-73

"SEAPEN AND DESTROY" FACTICS WORK.
Cooking for Profit 45 (249): 43-45. Sept 1971.
TX901.26
Food service industry. Pest control. Sanitation. Abstract: Illustrations and suggestions for pest control in the food industry, including a check list.

1694-73

ACCIDENTS DON'T HAPPEN (FILMSTRIP).
Continental Film Productions Corporation
Chattanooga, Continental Film Production Corporation 1 cartridge, sd, 16mm, col, 10 min. (n.d.).
RA440.5.A2 F6M AV
Accident prevention. Health education. Safety. Safety education.
For use in Audiscan projector.
Abstract: Cartoons showing how accidents, particularly cuts, falls and burns, are caused, and how they can be prevented. Emphasizes the importance of rest and proper dress, and that safety at home leads to safety at work. Covers medical care and other procedures that should be taken following accidents to customers or employees.

1695-73

THE ANGRY FLAME: A FIRE PROTECTION MESSAGE (FILMSTRIP/RECORD).
NATIONAL RESTAURANT ASSOCIATION. PRODUCED AND DIRECTED BY NORMAN PIERCE AND ASSOCIATES FOR NATIONAL RESTAURANT ASSOCIATION.
National Restaurant Association
Chicago, National Restaurant Association 1 filmstrip, 127 Fr., col, 35mm and microfilm, 12 min. 1969.
TX150.A5 F6M AV
Fire prevention. Food service training. Safety.
Set includes: 1 record; 33 1/3 rpm. m/o, also includes a pamphlet titled: Profit and your people: thorough foodservice filmstrip training.
Abstract: This is an audio-visual safety training program for food service employees. The filmstrip discusses restaurant fires, how they start and how they can be prevented. It illustrates different kinds of fires and fire extinguishers, and

tells what to do in case of fire.

1696-73

BACTERIAL CONTAMINATION OF FOOD.
James C White
Cornell Hotel And Restaurant Admin Quarterly 13 (1): 37-42. May 1972.
TX901.C67
Bacteria. Food poisoning. Food sanitation. Foodborne diseases. Microbial contaminants. Salmonellosis.
Abstract: The author estimates that everyone in the United States has had some form of bacteria-produced, intestinal disturbance at least once every 5 years. He discusses types of food poisoning, methods of preventing contamination, human sanitation, and the need for better record-keeping of outbreaks of foodborne diseases.

1697-73

BOTULISM.
Institute of Food Technologists
Food Technol 26 (101): 63-66. Oct 1972.
389.6 F7398
Botulism. Disease prevention. Food poisoning. Food sanitation. Microbial contaminants.
Abstract: Botulism differs from the other types of bacteria-caused food poisonings in that it affects the human nervous system and is often fatal. This report by the Institute of Food Technologists describes the organism (Clostridium botulinum) that causes botulism, the statistical incidence of the disease, and the procedures necessary to prevent its occurrence.

1698-73

CLEAN-UP SCHEDULE.
Fast Food 71 (121): 80-81. 84-85. Dec 1972.
389.2538 F62
Sanitation.
Abstract: Chart to be posted where employees will see it. Lists proper procedure for each piece of equipment, and who is responsible.

1699-73

CLEANING AND SANITIZING (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC. ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 15 min. 1970.
RA565.C4 F6M AV (Health employee learning program)
Cleaning equipment. Food service training. Hospital food service. Sanitation.
For use in Fairchild cassette projector. Includes program guides.
Abstract: The general purpose of this training film is to acquaint the learner with the tools and procedures used in cleaning and sanitizing and with the methods of storing clean equipment.

1700-73

CLEANLINESS AND SAFETY (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kevic House 1 cassette, super 8mm, sl, col, 3 1/2 min. (n.d.).
RA565.C552 F6M AV (Vocational Library: food management--kitchen management principles series.)
Food preparation. Hygiene. Safety. Sanitation.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates the best ways to clean and maintain kitchen equipment and dinnerware.

1701-73

CLEANLINESS AND SAFETY (FILM LOOP); MADE BY MORELAND-LATCHFORD PRODUCTIONS. DISTRIBUTED BY STERLING EDUCATIONAL FILMS, INC.
Moreland-Latchford Productions, Ltd.
Toronto, Moreland-Latchford Productions, Ltd. 1 cassette, super 8mm, sl, col, 5 min. 1967.
RA565.C55 F6M AV (Kitchen management principles series)
Cooking equipment (large). Hygiene. Safety. Sanitation. Utensils.
For use in a Technicolor cassette projector.
Abstract: This film demonstrates the operation and cleaning of electric and gas ranges and other equipment, safe cutting procedures, garbage handling, and proper dress and grooming. It is applicable to home kitchens or to food service operations.

1702-73

CLEANLINESS AND STORAGE (FILM LOOP); MADE BY MORELAND-LATCHFORD PRODUCTIONS. DISTRIBUTED BY STERLING EDUCATIONAL FILMS, INC.
Moreland-Latchford Productions, Ltd.
Toronto, Moreland-Latchford Productions, Ltd. 1 cassette, super 8mm, sl, col, 5 min. (n.d.).
TX601.C55 F6M AV (Preparing to cook series)
Canned foods. Food preservation. Food sanitation. Food storage. Frozen foods. Perishable foods. Safety.
For use in a Technicolor cassette projector.
Abstract: This film shows how to prepare foods for storage and how to store them. It includes frozen, canned, and perishable foods.

1703-73

1703-73

CLEANLINESS AND STORAGE (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Xavio House 1 cassette, super 8mm, sd, col, 4 min. (n.d.).
RA565.C55 FEN AV (Vocational Library: food management--series--ring to cook series.)
Food sanitation, Food storage, Food instruction.
For use in a technicolor cassette projector.
Abstract: This motion picture illustrates methods of food handling and storage for various types of foods: vegetables, meats, fruit, frozen foods, and dairy products.

1704-73

COLD FOOD HANDLING (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC.
ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 15 min. 1970.
TX601.C6 FEN AV (Health employee learning program)
Food handling, Food service training, Food storage, Fresh foods, Frozen foods, Hospital food service, Perishable foods, Refrigeration, Sanitation.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This film covers the methods of differentiating between perishable and non-perishable foods, the role of temperatures in preserving foods, and safe, sanitary methods of handling cold foods.

1705-73

CONTROL OF ANIS, FLIES AND MOSQUITOES (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC.
ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 17 min. 1970.
RA639.C6 FEN AV (Health employee learning program)
Disease prevention, Food service training, Hospital food service, Insect control, Sanitation.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This film shows how these insects can spread disease through food service areas and how employees can prevent and control them.

1706-73

CONTROL OF RATS AND MICE (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC.
ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 19 min. 1970.
RA641.R226 FEN AV (Health employee learning program)
Disease prevention, Food service training, Hospital food service, Rodent control, Sanitation.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This film discusses the health problems rodents can cause in food service areas, and how employees can help in prevention.

1707-73

DIRTY DIRT--OUR MORAL ENEMY.
L. Gettling
Fast Food 71 (1): 46-50, Jan 1972.
349.2535 F52
Coffee shops, Equipment, Food sanitation.
Abstract: Description of a coffee shop which had been allowed to deteriorate through filth and dirt.

1708-73

DISPOSABLES AND DISPOSABILITY.
Thomas C. Treador
Cornell Hotel and Restaurant Admin Quarterly 11 (2): 14-17, Aug 1970.
TX901.C67
Diseasables, Ecology, Food service, Food waste measures, Sanitation.
Abstract: The author states that "we must find an effective means of recycling a significant portion of the 350 million tons of waste materials now annually disposed of in the United States. After describing the usual systems of waste disposal (incineration and removal), the author examines two new approaches (compaction and closed-system pulpers) and suggests ways to plan effective disposal systems for food service operations.

1709-73

FLIES, FILTH, AND FOOD (FILM LOOP).
Continental Film Production Corporation
Chattanooga, Continental Film Production Corporation 1 cassette, 16mm, sd, col, 10 min. (n.d.).
RA641.F6F55 FEN AV
Bacteria, Food service training, Food-related disorders, Home management, Insect control, Sanitation.
For use in Audiscan projector.
Abstract: This cartoon filmstrip shows how flies breed, how they carry germs that cause disease, how filth attracts flies, and how flies can be controlled both in the home and in institutional food service areas.

1710-73

FLOOR CARE (FILM LOOP).
Marriott Training Consultants
Washington, Marriott Training Consultants 1 cassette, 35mm, sd, col, 10 min. (n.d.).
RA565.F55 FEN AV
Cleaning equipment, Maintenance, Sanitation.
For use in Mastermatic projector.
Abstract: This filmstrip, intended for food service and hotel workers, illustrates the proper equipment, methods, and procedures for floor care and cleaning.

1711-73

FOOD ADDITIVES.
J. K. Krum
Cornell Hotel and Restaurant Admin Quarterly 11 (2): 21-23, Aug 1970.
TX901.C67
Additives and adulterants, Food additives, Food sanitation, Food standards and legislation, Safety.
Extract: An additive or other chemical is not and cannot be of itself either poisonous or non-poisonous, hazardous or non-hazardous, harmful or safe; but every additive or chemical may be safe at some level or mode of intake and hazardous at some other level or mode of intake. The question, then, is not one of whether but essentially one of how much.

1712-73

FOOD PREPARATION (MOTION PICTURE); DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE; PUBLIC HEALTH SERVICE IN COOPERATION WITH THE N. C. STATE BOARD OF HEALTH. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER.
U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, col, 13 min. 1954.
RA565.F6 FEN AV (Food sanitation series)
Food preparation, Food sanitation, Food service training, Hygiene, Sanitation.
Abstract: For food service trainees, this motion picture portrays cooking operations in preparing a typical meal in a medium-sized restaurant. It emphasizes the important sanitary precautions taken by kitchen personnel in preparing and handling food.

1713-73

THE FOOD SERVICE WORKER (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC.
ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 15 min. 1970.
TX943.F6 FEN AV (Health employee learning program)
Food service training, Food service workers, Health, Hygiene.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This training film gives the rules and reasons for proper dress and personal hygiene, and discusses the importance of good health habits. Federal and local laws are emphasized and the agencies that enforce them are identified.

1714-73

FOOD-BORNE ILLNESS: CAUSE AND PREVENTION (SLIDES).
Classroom World Productions, Inc.
Raleigh, N.C., Classroom World Productions, Inc. kit, 39 slides, col, 2 1/2" x 2" and phonetapes: 12 cassettes. (n.d.).
RA642.F6 FEN AV
Bacteriology, Botulism, Foodborne diseases, Parasitic infections, Salmonellosis, Sanitation.
With a sixty page self-study text titled: Food-borne illness: cause and prevention, by Kelly G. Vestar. Published by Food Service Guides.
Abstract: This slide collection illustrates the characteristics of various foodborne illnesses and indicates the steps that should be taken to prevent their occurrence and forestall their spread.

1715-73

FOODSERVICE TRENDS TO ON-PREMISE LAUNDRIES.
L. A. Gorton
Cooking for Profit 42 (267): 33-34, 40, Mar 1973.
TX901.C6
Detergents, Food service industry, Textiles, Washing machines.
Abstract: Food service managers are turning to on-premises laundries for restaurant linens and uniforms.

1716-73

THE FREELoadERS; FOODSERVICE PEST CONTROL (FILMSTRIP/RECORD); NATIONAL RESTAURANT ASSOCIATION, PUBLIC HEALTH AND SAFETY COMMITTEE WITH THE COOPERATIVE ASSISTANCE OF THE NATIONAL PEST CONTROL ASSOCIATION AND HEALTH DEPARTMENT OFFICIALS.
National Restaurant Association
Chicago, National Restaurant Association 1 filmstrip, 123 fr., col, 35mm and phonodisc, 10 min. 1970.
TX325.F7 FEN AV
Food service training, Pest control, Sanitation.
Set includes: 1 record: 33 1/3 rpm, m/a. Also included is a pamphlet titled: Profits and your pests; through foodservice filmstrip training.
Abstract: This film points out the factors that encourage insects, rodents, and other pests to enter, remain, and multiply in a food service establishment--food, moisture, warmth and shelter--and demonstrates the procedures that should be followed to prevent infestation. Good housekeeping and proper

waste disposal are emphasized.

1717-73

FOOD, HANDS, AND BACTERIA.
Georgia University, Cooperative Extension Service
Athens, Ga. 7 p. illus. 1971.
RA601.G4 F64 (Georgia University, Cooperative Extension Service, Bulletin 693)
Bacteria, Disease prevention, Foodborne diseases, Hygiene, Sanitation.
Abstract: The photographs in this booklet show how many bacteria are carried on a dirty hand by demonstrating how these bacteria multiply on an agar plate. The effect of washing and of wearing gloves in reducing the spread of bacteria is also shown.

1718-73

GERMS FROM RAW FOOD (SLIDES).
J. Lyons and Company, Ltd.
London, J. Lyons and Company. 24 slides, 2"x2", col, sd, with magnetic tape: 3 3/4 lbs. In.d.l.
RA642.G4 F64 AV (Hygiene in the Job Situation, Training Kit #8)
Bacteria, Food poisoning, Food sanitation.
Set includes: script, summary and teacher's guide.
Abstract: How raw foods can carry bacteria which cause food poisoning into food preparation areas.

1719-73

FOOD SANITATION.
Piffus C. Guthrie
Westport, Conn.: AVI 247 p. illus. 1972.
RA601.G4 F64
Food preparation, quantity, Food processing, Food sanitation, Microbial contaminants, Sanitation.
Abstract: This book is written to give the food industry worker, or the layman, an understanding of the interrelationships of biology, particularly microbiology, and air, land, and water pollution, with the common sense of sanitation in the protection of public health as concerned with food supplies. The book discusses the tremendous advances made in recent years in production, processing, packaging, and merchandising of foods in quantity and convenience of food products and how some of these advances have resulted in unexpected problems of unwanted food contamination and of disposal of waste materials. In these problem areas, sanitation is discussed in connection with liquid, gaseous, and solid waste pollution, and with control of animal and plant pests that can expose men or his food to potentially dangerous chemicals.

1720-73

HANDWASHING PROCEDURES (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC. ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 16 min. 1970.
RA965.H3 F64 AV (Health employee learning program)
Disease prevention, Food service training, Hospital food service, Hygiene.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This film shows correct handwashing procedures to use in preventing the spread of disease, and identifies conditions and activities that can contaminate the hands.

1721-73

HOSPITAL FOOD SANITATION. (FILM LOOP).
Trainex Corporation
Garden Grove, Calif.: Trainex Corp. 1 cassette, 16mm, sd, col, 22 min. 1963.
RA975.3.O54622 F64 AV (The hospital food service series)
Bacteria, Food poisoning, Food spoilage, Food storage, Hospital food service, Hygiene, Pest control, Refrigeration, Sanitation.
For use in Audiscan projector.
Abstract: Part one of this training filmstrip covers germs, food poisoning compared to food spoilage, germs that cause food poisoning, food extinction, and personal hygiene. Part two covers pest control, proper food handling, time-temperature control, and storage.

1722-73

HOSPITAL KITCHEN SAFETY (FILM LOOP).
Trainex Corporation
Garden Grove, Calif.: Trainex 1 cassette, 16mm, sd, col, 18 min. 1963.
RA440.5.M6 F64 AV (The Hospital food service series)
Accident prevention, Fire prevention, Food service training, Hospital food service, Safety education, Storage, Work simplification.
For use in Audiscan projector.
Abstract: Part one of this training filmstrip covers safe use of equipment. Part two covers fire prevention, safe storage, and fire prevention.

1723-73

HOW TO GET READY FOR YOUR NEXT ACCIDENT.
K. L. Licht
Sch. Lunch J. 24 (4): 62-63, 65-66. Sent 1970.
389.8 SCH6
Accident prevention, Food service workers, Safety.
Abstract: Practical measures which aid school food service

workers in accident prevention (falls, cuts, burns).

1724-73

IDENTIFICATION AND CONTROL OF ROACHES (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC. ROCOM
Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 20 min. 1970.
RA641.R613 F64 AV (Health employee learning program)
Disease prevention, Food service training, Hospital food service, Insect control, Sanitation.
For use in Fairchild cassette projector. Includes program guides.
Abstract: This film identifies cockroaches as carriers of disease, and shows how employees can recognize and eliminate conditions which encourage their presence.

1725-73

ISOLATION FROM MIXED CULTURE (MOTION PICTURE); DETECTION OF C. BOTULINUM IN FOOD. PART 3. U.S. PUBLIC HEALTH SERVICE. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER. U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, col, 7 min. In.d.l.
QR201.B714 F64 AV (Detection of Clostridium botulinum in food. Part 3)
Analytical methods, Bacteriology, Botulism, Disease prevention, Food analysis, Food poisoning.
Abstract: In this motion picture, food samples are incubated anaerobically on meat-dextrose-starch medium. After incubation, smears are streaked on blood agar and egg yolk agar plates. These are incubated anaerobically. Lipase-positive colonies from egg yolk plates and hemolytic colonies from blood agar are sub-cultured in meat-dextrose medium.

1726-73

IT CAN HAPPEN HERE (FILMSTRIP).
Continental Film Production Corporation
Chattanooga, Continental Film Production Corporation 1 cartridge, sd, 16mm, col, 10 min. In.d.l.
RA642.18 F64 AV
Food poisoning, Food sanitation, Food spoilage, Food storage, Sanitation.
For use in Audiscan projector.
Abstract: Food poisoning is what can happen. This cartoon filmstrip shows how food poisoning is caused (by bacteria) and how it can be prevented (by preventing the growth of bacteria). Emphasizes the importance of handwashing, rest room sanitation, proper food storage, and proper dress. Tells what foods spoil quickly and how spoilage can be controlled.

1727-73

IT CAN HAPPEN HERE (MOTION PICTURE).
Continental Film Production Corporation
Chattanooga, Continental Film Production Corporation 1 reel, 16mm, sd, col, 10 min. In.d.l.
RA642.182 F64 AV
Food poisoning, Food sanitation, Food spoilage, Food storage, Sanitation.
Also available in filmstrip.
Abstract: Food poisoning is what can happen. This film shows how food poisoning is caused (by bacteria) and how it can be prevented (by preventing the growth of bacteria). Emphasizes the importance of handwashing, rest room sanitation, proper food storage, and proper dress. Tells what foods spoil quickly and how spoilage can be controlled.

1728-73

FOOD SANITATION: STUDY COURSE. 1st ed.
Anna Katherine Jernigan
Ames, Iowa: The Iowa State University Press 71 p. 1971.
RA601.J4 F64
Dishwashing, Equipment, Food contaminants, Food purchasing, Food service training, Inservice education, Pest control, Sanitation, Storage.
Abstract: This twelve-lesson study course is designed for self-study by food service workers or as a training aid to be used by dietitians or food service managers. It contains basic information on sanitation relating to all parts of a food service department. Questions and activities involve the student in the practical application of the principles and procedures presented.

1729-73

KEEP CLEAN, STAY WELL (MOTION PICTURE); DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH SERVICE. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER. U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, 9 min. 1964.
RA565.K4 F64 AV (Seasonal farm workers health series, Part 2)
Disease prevention, Extension education, Health education, Hygiene, Low income groups, Migrant workers, Sanitation.
Credits: Director, Wilmer H. Kimberly; Technical adviser, Thelma E. Roberson.
Abstract: For use with seasonal crop workers and their families, this motion picture demonstrates how workers can carry out personal cleanliness in camps. It shows the relationship between keeping clean and keeping well.

PAGE 137

1730-73

1730-73

KEEPING YOUR COOL (FILM LOOP).
Marriott Training Consultants
Washington, Marriott Training Consultants 1 cassette, 35mm,
sd, col, 9 min. In.d.l.
TX150.K4 F64 AV
Fire prevention, Food service training, Safety.
For use in Mastermatic projector.
Abstract: This training film illustrates the general
rules to be followed and precautions to be taken in preventing
fires in food service establishments.

1731-73

THE KITCHEN (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC.
AND RAYBAR TECHNICAL FILMS, INC.
McGraw-Hill Films, Inc.
Wellesley, Mass., Kavic House 1 cassette, super 8mm, st, col,
4 min. In.d.l.
TX653.K5 F64 AV (Vocational Library: food management--kitchen
management principles series.)
Facilities planning and layout, Food serving methods, Kitchen
sanitation.
For use in a Technicolor cassette projector.
Abstract: This motion picture includes sections on the kitchen:
planning an efficient kitchen workspace, making the kitchen
safe and clean, setting the table, and washing up pots,
pans, and dinnerware after a meal.

1732-73

KITCHEN HABITS (MOTION PICTURE); DEPARTMENT OF HEALTH, EDUCATION,
AND WELFARE, PUBLIC HEALTH SERVICE, DISTRIBUTED BY THE
NATIONAL AUDIOVISUAL CENTER.
U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd,
col, 12 min. 1954.
RA565.K5 F64 AV
Food preparation, Food sanitation, Food service training,
Hygiene, Supervision.
Abstract: This training film shows, under actual operating
conditions in a kitchen, the importance of developing sanitary
habits of food handling. It stresses the mutual importance of
personal responsibility and effective supervision in developing
these habits.

1733-73

KITCHEN SAFETY: PREVENTING BURNS (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm,
sd, col, 10 min. 1969.
RA440.5.K55 F64 AV
Accident prevention, Burns, Safety, Safety education.
With study guide. For use in Fairchild cassette projector.
Abstract: Teaches respect for the dangers of steam, gas, boiling
water, bubbling fats, and hot foods. Shows how to handle
steam equipment safely. Explains safe procedures at the stove
and what to watch out for to avoid burns in a commercial kitchen.

1734-73

KITCHEN SAFETY: PREVENTING BURNS (MOTION PICTURE).
National Educational Media, Inc.
Hollywood, National Educational Media 1 reel, 16mm, sd, col,
10 min. 1964.
RA440.5.K55 F64 AV
Accident prevention, Burns, Safety, Safety education.
With study guide.
Abstract: Teaches respect for the dangers of steam, gas, boiling
water, bubbling fats, and hot foods. Shows how to handle
steam equipment safely. Explains safe procedures at the stove
and what to watch out for to avoid burns in a commercial kitchen.

1735-73

KITCHEN SAFETY: PREVENTING CUTS AND STRAINS (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm,
col, sd, 10 min. 1969.
RA440.5.K57 F64 AV
Accident prevention, Cutlery, Safety, Safety education.
With study guide. For use in Fairchild cassette projector.
Abstract: Demonstrates proper care and handling of knives and
the painful results when rules are ignored. Emphasizes that
safety is not a matter of luck; it is a habit that must be
worked at every day. Safety rules cover the use of the right
tool for the job, procedures of sharpening, cutting, and storage
of cutlery. Also demonstrates proper methods for lifting
and carrying.

1736-73

KITCHEN SAFETY: PREVENTING CUTS AND STRAINS (MOTION PICTURE).
National Educational Media, Inc.
Hollywood, National Educational Media 1 reel, 16mm, sd, col,
10 min. 1964.
RA440.5.K52 F64 AV
Accident prevention, Cuts (injuries), Safety, Safety education,
Strains (injuries).
With study guide.
Abstract: Demonstrates proper care and handling of knives and
the painful results when rules are ignored. Emphasizes that
safety is not a matter of luck; it is a habit that must be
worked at every day. Safety rules cover the use of the right
tool for the job, procedures of sharpening, cutting, and storage

age of cutlery. Also demonstrates proper methods for lifting
and carrying.

1737-73

KITCHEN SAFETY: PREVENTING FALLS (MOTION PICTURE).
National Educational Media, Inc.
Hollywood, National Educational Media 1 reel, 16mm, sd, col,
10 min. 1967.
RA440.5.K53 F64 AV
Accident prevention, Falls (accidents), Safety, Safety education.
With study guide.
Abstract: More kitchen accidents involve falls than any other
misadventure. This film exposes potential dangers and demonstrates
procedures for keeping floors in safe condition. Includes
mapping practices, clogging, and use of ladders and stairways.
Also demonstrates proper shoes and the need for personal responsibility
in preventing accidents.

1738-73

KITCHEN SAFETY: PREVENTING FIRES (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm,
sd, col, 10 min. In.d.l.
TH946.G7K5 F64 AV
Accident prevention, Fire extinction, Fire prevention, Kitchen
fires, Safety.
With study guide. For use in Fairchild cassette projector.
Abstract: Housekeeping and basic fire safety knowledge to give
aid to all employees in preventing start and spread of kitchen
fires. Common hazards reviewed with emphasis on grease fires
and cleaning of hood and duct system. Information on extinguishers,
fire alarms and proper use of telephone to report fire.
Dramatic demonstrations of fires in deep fat fryers, an grill,
in trash cans and electrical equipment.

1739-73

KITCHEN SAFETY: PREVENTING MACHINE INJURIES (FILM LOOP).
National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm,
col, sd, 10 min. 1969.
RA440.5.K56 F64 AV
Accident prevention, Equipment, Safety, Safety education.
With study guide. For use in Fairchild cassette projector.
Abstract: If kitchen machines were the fangs and claws of wild
animals, equipment would be handled with greater care. The
film utilizes this grim comparison to stress safe methods of
operating and cleaning equipment found in most commercial
kitchens. Includes choppers, grinders, slicers, mixers, saws,
etc.

1740-73

KITCHEN SAFETY: PREVENTING MACHINE INJURIES (MOTION PICTURE).
National Educational Media, Inc.
Hollywood, National Educational Media 1 reel, 16mm, sd, col,
10 min. 1969.
RA440.5.K54 F64 AV
Accident prevention, Equipment, Safety, Safety education.
With study guide.
Abstract: If kitchen machines were the fangs and claws of wild
animals, equipment would be handled with greater care. The
film utilizes this grim comparison to stress safe methods of
operating and cleaning equipment found in most commercial
kitchens. Includes choppers, grinders, slicers, mixers, saws,
etc.

1741-73

QUANTITY FOOD SANITATION. 2d ed.
Karia Longree
New York, Wiley-Interscience 422 p. 1972.
TX537.L62 F64
Food contaminants, Food purchasing, Food sanitation, Food
spoilage, Foodborne diseases, Microbial contaminants, Sanitation.
Abstract: Important additions and revisions in this second
edition include: (1) a new discussion of vibrio parahaemolyticus,
(2) updated information on Federal regulations for processing
certain vulnerable food items, (3) revised information
on the aflatoxins, (4) a new discussion of recently developed
food systems involving the preparation and storage of frozen
or chilled menu items, and (5) updated material on frequency
of illnesses, sources by state, and vehicles of pathogens
associated with outbreaks.

1742-73

SANITARY TECHNIQUES IN FOOD SERVICE.
Karia Longree, Gertrude G. Blaker
New York, John Wiley & Sons 225 p. 1971.
TX945.L64 F64
Bacteria, Food sanitation, Food service, Food service training,
Food spoilage, Foodborne diseases, Microbiology, Sanitation,
Textbooks.
Abstract: This textbook is intended for college students and
those in training for management positions in the food service
industry. Material covered includes (1) food sanitation and
microbiology, (2) food spoilage and foodborne illnesses, (3)
sanitary practices, and (4) education and training of food
service personnel in sanitation techniques and concepts.

1743-73

QUANTITY FOOD SANITATION.

Karla Longree
New York: Interscience 397 p. 1967.
TX537.L6 F64

Bacteria, Food contaminants, Food purchasing, Food service training, Food spoilage, Foodborne diseases, Microbial contaminants, Sanitation, Storage.
Abstract: This book details sanitation procedures for the food service industry. Chapters include (1) food spoilage, (2) microorganisms, (3) illnesses, (4) reservoirs of microorganisms, (5) control of sanitation, (6) contamination within food service establishments, (7) multiplication of bacterial contaminants, (8) time/temperature control, (9) educating food service personnel in food sanitation.

1744-73

BACTERIAL FOOD POISONING: WHAT IT IS, HOW IT HAPPENS, HOW TO PREVENT IT.

Massachusetts, University, Cooperative Extension Service
Charles E Eshbach
Amherst, Mass. 13 p. 1969.

RC143.M5 F64 (Massachusetts, University, Cooperative Extension Service. Food management leaflet 1)
Bacteria, Food poisoning, Food service management, Refrigeration, Sanitation.
Abstract: Since food poisoning results from incorrect handling or preparation of food, food service personnel need to know what bacterial food poisoning is, how it occurs, and how it can be prevented. This leaflet offers suggestions on simple but effective measures for sanitation, use of refrigeration, and use of heat which will enable food service operators to prevent food poisoning.

1745-73

THE MICROBIOLOGY OF FROZEN VEGETABLES: HOW THEY GET CONTAMINATED AND WHICH ORGANISMS PREDOMINATE.

D F Spillittoesser
Food Technol 27 (1): 44-46, 60, Jan 1973.
389.8 F7398

Bacteria, Food processing, Food sanitation, Frozen foods, Microbial contaminants, Vegetables.
Abstract: A comparison of data between the author and frozen vegetable processors shows that most of the organisms constituting the microflora of frozen vegetables originate from contaminated processing equipment; and, among other things, lactic acid bacteria are the predominant organisms.

1746-73

MILK AND PUBLIC HEALTH (MOTION PICTURE).

U.S., Public Health Service, Communicable Disease Center
Washington, National Medical Audiovisual Center 1 reel, 16mm, sd, 5 1/4 in. 12 min. In.d.1.

RA602.M65 F64 AV
Milk, Public health, Sanitation.
Abstract: Subject oriented movie toward public health. Points out the dangers of haphazard milk production, unsanitary conditions, the resultant public health problem, and the need for regulatory legislation, and reviews the steps taken to ensure healthy cows, sanitation equipment and supplies, and other hygienic methods throughout the production and processing of milk.

1747-73

SALMONELLOSIS.

Minnesota, University, Agricultural Extension Service
Edmund A Zottola
Minneapolis, Minn. 14 p. 1967.
RC143.M52 F64 (Minnesota, University, Agricultural Extension Service. Extension bulletin 339)
Disease prevention, Foodborne diseases, History, Salmonellosis, Sanitation.
Illus.

Abstract: The incidence of salmonellosis has increased dramatically in the last twenty years due partly to unsatisfactory preparation and processing of quantity and convenience foods. The causative salmonella bacterium lives in the digestive tract and passes in a continuous infecting cycle from animals to men, men to men, and men to animals. This cycle of infection can be broken by proper sanitation, storage, and preparation of foods, as shown in this booklet.

1748-73

MOUSE TOXIN--NEUTRALIZATION TEST (MOTION PICTURE); DETECTION OF C. BOTULINUM IN FOOD. PART 2 U.S. PUBLIC HEALTH SERVICE. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER.

U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, col, 13 min. In.d.1.

QR201.B7M6 F64 AV (Detection of Clostridium botulinum in food. Part 2)
Analytical methods, Bacteriology, Botulism, Disease prevention, Food analysis, Food poisoning.

Abstract: In this motion picture, food extract containing C. botulinum is mixed with antitoxins of known types. One tube is placed in boiling water. Two also are inoculated with each mixture. Surviving mice indicate heat lability and which antitoxin neutralizes the toxin. This demonstrates which type was in the food.

1749-73

MR. DISH MACHINE OPERATOR (FILM LOOP).

National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. 1969.

RA565.D53 F64 AV
Dishwashers, Dishwashing, Public health, Sanitation.
With study guide. For use in Fairchild cassette projector.
Abstract: Explains operation of commonly used dish machines. Shows correct ways of loading and unloading dishes, cups, glasses, and silverware. Highlights include pre-rinsing; safe, sanitary handling of dishes after they are washed; temperature control; and use of detergents and other chemicals. Also demonstrates rules for cleaning the dish machine as well as ways to prevent dish breakage.

1750-73

MR. DISH MACHINE OPERATOR (FILM LOOP) (SPANISH).

National Educational Media, Inc.
Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min (in Spanish). 1969.

RA565.D52 F64 AV
Dishwashers, Dishwashing, Public health, Sanitation.
With study guide. For use in Fairchild cassette projector.
Abstract: Explains operation of commonly used dish machines. Shows correct ways of loading and unloading dishes, cups, glasses, and silverware. Highlights include pre-rinsing; safe, sanitary handling of dishes after they are washed; temperature control; and use of detergents and other chemicals. Also demonstrates rules for cleaning the dish machine as well as ways to prevent dish breakage.

1751-73

MR. DISH MACHINE OPERATOR (MOTION PICTURE).

National Educational Media, Inc.
Hollywood, National Educational Media 1 reel, 16mm, sd, col, 10 min. 1969.

RA565.D5 F64 AV
Dishwashers, Dishwashing, Public health, Sanitation.
With study guide.
Abstract: Explains operation of commonly-used dish machines shows correct ways of loading and unloading dishes, cups, glasses, and silverware. Highlights include pre-rinsing; safe, sanitary handling of dishes after they are washed; temperature control; and use of detergents and other chemicals. Also demonstrates rules for cleaning the dish machine as well as ways to prevent dish breakage.

1752-73

SAFETY AND SANITATION: COURSE 6.

New Mexico, Dept. of Education
Santa Fe, N.M. 37 p. In.d.1.
TX945.M4 F64

Educational programs, Food service training, Safety, Sanitation, School food service.
Abstract: The general objective of this course is to develop in school lunch personnel a knowledge of safe and sanitary work habits. The Workbook covers personal cleanliness, sanitary food preparation, prevention of food contamination, sanitary storage and refrigeration, cleaning and dishwashing procedures, garbage disposal, safety precautions, and accident prevention.

1753-73

SCHOOL FOOD SERVICE SANITATION A MANUAL FOR SCHOOL FOOD SERVICE EMPLOYEES.

North Carolina, Board of Health
Raleigh, N.C. 44 p. Apr 1966.
TX945.M6 F64 (North Carolina, Board of Health. Publication no. 500)

Food service training, Sanitation, School food service.
Extract: This publication is intended to be used as a teaching text as well as a reference manual in promoting better understanding and practice of the principles of sanitation in the school food service program.

1754-73

SAFETY AND SANITATION: STUDENT'S WORKBOOK.

Oregon, Dept. of Education
Salem, Ore. 73 p. 1965.

TX911.3.P807 F64 (School lunch personnel training program)
Accident prevention, Dishwashing, Food service training, Food spoilage, Food storage, Foodborne diseases, Hygiene, Safety, Sanitation.
Extract: Cleanliness and sanitation are important facets of any food service operation. Food service personnel have a responsibility to those they serve to make every effort to assure complete protection from illnesses resulting from poor sanitation and to set examples of high standards by maintaining clean, orderly facilities, practicing personal cleanliness and using careful techniques of food preparation and service. This course in Safety and Sanitation is designed to help food service personnel develop an awareness of safe and sanitary practices in food service establishments, learn some of these practices, and become proficient in their use.

1755-73

AN OUNCE OF PREVENTION (FILMSTRIP).

Marriott Training Consultants
Montgomeryville, Pa., Optisonics Corp. 1 cartridge, sd, col, 35mm, 10 min. In.d.1.

RA440.5.09 F64 AV

1756-73

Accident prevention, Health education, Safety, Safety education.
For use in Mastermatic projector.
Abstract: Illustrates safe kitchen and dining room procedures to prevent slips, falls, burns, cuts, and other injuries.

1756-73

AN OUTBREAK OF STAPHYLOCOCCUS INTOXICATION (MOTION PICTURE); DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH SERVICE IN COOPERATION WITH THE U. S. STATE BOARD OF HEALTH. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER.
U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 15 mm, sd, col, 12 min, 1954.
RA542.09 F5N AV (Food sanitation series)
Disease prevention, Food poisoning, Foodborne diseases, Hygiene, Sanitation, Staphylococcal food poisoning.
Abstract: This motion picture for training food service personnel presents a case study of a typical outbreak of foodborne illness caused by staphylococcus organisms. The study includes symptoms of the victims, tracing the source of the organisms, and determining how the organisms came to be in the food.

1757-73

PLANT OPERATION: HOW TO SQUEEZE THE MOST FROM TRASH COMPACTORS.
U.S., National Schools 90 (5): 60-65, Nov 1972.
L92404.v3
Equipment, Sanitation, Waste disposal.
Abstract: A trash-compactator will crush waste into one-sixth of its original volume and inject the compacted mess into a closed container. Compactors are attractive to school officials because of cost savings on waste hauling, reduction of vermin and odors, and as an alternative to incineration in the event of stringent anti-pollution laws. The various types of compactors are detailed in this article.

1758-73 *

A PRACTICAL PRIMER ON ESSENTIAL SANITATION CONCEPTS.
Richard K. Rodgers
Food Serv 35 (2): 76-89, 92-95, Feb 1973.
389.2534 F732
Cleaning equipment, Cost effectiveness, Equipment, Food service, Foodborne diseases, Microbial contaminants, Sanitation, Systems analysis.
Abstract: In this article, the principles of sanitation systems management are discussed. The reader is given a basic introduction to the problems of foodborne illnesses and how to guard against them in food service operations.

1759-73

PUBLIC HEALTH ASPECTS OF POULTRY PROCESSING (MOTION PICTURE); U.S. PUBLIC HEALTH SERVICE. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER.
U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, col, 23 min, 1955.
RA565.78 F5N AV (Poultry hygiene series--part 1)
Disease prevention, Food processing, Food standards and legislation, Marketing, Poultry, Public health, Sanitation.
Abstract: This motion picture presents the problems of public health associated with the processing, storage, transportation, and sale of commercially raised poultry. The film recommends enforcement of federal, state, and local sanitation ordinances.

1760-73

THE SAFETY OF FOODS, AN INTERNATIONAL SYMPOSIUM ON THE SAFETY AND IMPORTANCE OF FOODS IN THE WESTERN HEMISPHERE, UNIVERSITY OF PUERTO RICO.
Puerto Rico, University
J C Ayres
Mayaguez, P.R. 357 o. 1965.
RA601.15 F5N
Additives and adulterants, Food sanitation, Food spoilage, Food standards and legislation, Food supply, Foodborne diseases, Microbial contaminants, Toxicants.
Extract: The safety and quality of the food supply are of great concern to food scientists, nutritionists, and epidemiologists. Repeated and, in some cases, recent outbreaks of food-borne infections and/or intoxications traceable to foods involved in inter-country trading have focused renewed attention on food safety and food quality at the international level. This conference was organized, not simply to review the problems inherent in the facts of food science and technology, but to evoke new, challenging, and concrete approaches to the main problems that must be solved in order that the Western Hemisphere will have a safe and nutritious food supply. The conference brought together, from all over the Hemisphere, researchers, administrators, and teachers in various aspects of food science, food technology and nutrition, food industry representatives, government officials, and others interested in food safety and food protection. Their contributions are included in this book.

1761-73

SANITATION FOR FOOD SERVICE WORKERS.
Irava M. Richardson
Chicago, Institutions Magazine/Volume Feeding Management 116 o. 111us, 1965.
TX943.545325 F5N
Audiovisual slide, Bacteriology, Dishwashing, Food service,

Foodborne diseases, Hygiene, Pest control, Sanitation, Study guides.
Revised.
Abstract: This textbook is a course in sanitation for the food-service trainee. Lessons include (1) bacteriology, (2) communicable and foodborne diseases, (3) food protection, (4) pest control, (5) dishwashing, detergents, and detergent dispensing systems, (6) sanitizing, (7) personal hygiene.

1762-73

THE RIGHT WAY TO LIFT (FILMSTRIP).
Marriott Training Consultants
Montgomeryville, Pa., Outsonics Corp. 1 cartridge, sd, col, 33mm, 8 min, In.d.l.
RA440.5.R5 F5N AV
Accident prevention, Safety, Safety education.
For use in Mastermatic projector.
Abstract: Covers precautionary measures that must be taken to minimize injuries and strain resulting from bad lifting practices; focuses on specific airline catering lifting problems.

1763-73

SAFE FOOD (MOTION PICTURE); DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH SERVICE. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER. (SPA)
U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, 9 min, col. (In Spanish), 1964.
RA565.S322 F5N AV
Disease prevention, Extension education, Food sanitation, Health education, Low income groups, Migrant workers.
Abstract: For use with seasonal crop workers and their families, this motion picture in the Spanish language demonstrates methods migrant families can use in cooking, serving, and storing food under camp conditions. It shows how sound food practices aid health and prevent the incursion of flies, roaches, ants, and rats.

1764-73

SAFE FOOD (MOTION PICTURE); DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH SERVICE. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER.
U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, col, 9 min, 1964.
RA565.S325 F5N AV (Seasonal farm worker's health series--Part 3)
Disease prevention, Extension education, Food sanitation, Health education, Low income groups, Migrant workers.
Also available in Spanish.
Abstract: For use with seasonal crop workers and their families, this motion picture demonstrates methods migrant families can use in cooking, serving, and storing food under camp conditions. It shows how sound food practices aid health and prevent the incursion of flies, roaches, ants, and rats.

1765-73

SAFETY IN THE KITCHEN (TRANSPARENCIES).
Margareta Billings
Minnesota Mining and Manufacturing Company, Visual Products Division
St. Paul, Minnesota Mining and Manufacturing Co. 20 transparencies, color, 8 1/2 x 11, 1971.
RA440.5.S3
Accident prevention, Home economics education, Safety education, Teaching guides.
For use with overhead projector. Includes a teacher's guide.
Abstract: This set of transparencies illustrates common home and kitchen accidents and shows how they can be prevented through proper work procedures and careful use of equipment.

1766-73

SAFETY IS UP TO YOU (FILMSTRIP); PRODUCED BY EVAPORATED MILK ASSOCIATION.
Evaporated Milk Association
Chicago, Evaporated Milk Association 1 filmstrip, 36 Fr., 51, 35mm, col. In.d.l.
RA565.S342 F5N AV
Hygiene, Infant diets, Sanitation.
Abstract: This filmstrip, directed at new mothers, depicts the hygienic practices to be followed in caring for and feeding infants.

1767-73

SANITARY STORAGE AND COLLECTION OF REFUSE (MOTION PICTURE); U.S. PUBLIC HEALTH SERVICE. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER.
U.S., Public Health Service
Washington, National Audiovisual Center 1 reel, 16mm, sd, col, 19 min, 1952.
RA565.S326 F5N AV
Home economics education, Management, Sanitation, Storage, Waste disposal.
Abstract: This film shows how individual citizens can store, handle, and dispose of refuse in a sanitary manner, and also demonstrates the correct procedures for municipal collection of refuse.

PAGE 140

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1760-73

SANITATION CHECKLISTS FOR MANAGEMENT.
Cooking for Profit 41 (255): 44-45, 48-49. Mar 1972.
TX901.56

Commercial food service. Food service industry. Food service management. Sanitation.

Abstract: Includes sample cleaning schedule, how to help dishes survive, pest control checkpoints, management sanitation checklist for self and employees.

1769-73

SANITATION IN THE KITCHEN (TRANSPARENCIES).

Margarita Billings

Minnesota Mining and Manufacturing Company, Visual Products Division

St. Paul, Minnesota Mining and Manufacturing Co. 20 transparencies, color, 8 1/2 x 11. 1971.

RA565.S327 F6N AV

Bacteria. Food contaminants. Food preparation. Food storage. Home economics education. Refrigeration. Sanitation.

For use with overhead projector. Includes a teacher's guide.

Abstract: This transparency set shows how bacteria grow on and around food and how their growth can be prevented through hygienic food handling practices.

1770-73

SANITATION: RODENT AND INSECT CONTROL (FILM LOOP).

National Educational Media, Inc.

Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. In.d.-1.

RA566.S3 F6N AV

Insect control. Pest control. Rodent control. Sanitation.

With study guide. For use in Fairchild cassette projector.

Abstract: A basic film on rodent and insect control, their role in the spread of disease and the responsibility of employees for good housekeeping practices. Film stresses every worker's responsibility to keep pests out, starve them, keep them from breeding, and kill them. Roaches, flies and rodents singled out as chief offenders. Methods for combatting them described for every kitchen area including receiving, storage, preparation, and dishwashing. Demonstrates role of professional exterminators and gives basic rules for safe handling of pesticides by workers.

1771-73

SANITATION: RULES MAKE SENSE (FILM LOOP).

National Educational Media, Inc.

Hollywood, National Educational Media 1 cassette, super 8mm, sd, col, 10 min. 1968.

RA565.S3 F6N AV

Food sanitation. Health education. Public health. Sanitation. With study guide. For use in Fairchild cassette projector.

Abstract: Emphasizes basic rules of sanitation, including how to handle potentially hazardous foods such as fowl, seafood and custards. Also illustrates control of pests, personal cleanliness, and proper techniques for cooling, storage and refrigeration. Emphasizes the importance of clean hands and proper washing methods. Stresses responsibilities of food service workers in protecting public health.

1772-73

SANITATION: RULES MAKE SENSE (MOTION PICTURE).

National Educational Media, Inc.

Hollywood, National Educational Media 1 reel, 16mm, sd, col, 10 min. 1968.

RA565.S3 F6N AV

Food sanitation. Health education. Public health. Sanitation. With study guide.

Abstract: Emphasizes basic rules of sanitation, including how to handle potentially hazardous foods such as fowl, seafood and custards. Also illustrates control of pests, personal cleanliness, and proper techniques for cooling, storage and refrigeration. Emphasizes the importance of clean hands and proper washing methods. Stresses responsibilities of food service workers in protecting public health.

1773-73

SANITATION: WHY ALL THE FUSS (FILM LOOP).

National Educational Media, Inc.

Hollywood, National Educational Media 1 cartridge, super 8mm, col, sd, 10 min. 1969.

RA565.S33 F6N AV

Bacteria. Food sanitation. Sanitation.

With an instructor's manual of "points to note" for each slide.

Abstract: An introduction to sanitation. Shows biological reasons for sanitation and the conditions for controlling bacterial growth. Explains the danger of bacteria; how bacteria spread from place to place; and how their growth can be accelerated or retarded. Demonstrates how hands, clothing, kitchen tools, unclean surfaces, rats, roaches and flies can carry germs. Stresses importance of cleanliness and the need for proper heating and cooling of foods.

1774-73

SANITATION: WHY ALL THE FUSS (MOTION PICTURE).

National Educational Media, Inc.

Hollywood, National Educational Media 1 reel, 16mm, sd, col, 10 min. 1968.

RA565.S32 F6N AV

Bacteria. Food sanitation. Sanitation.

With study guides.

Abstract: An introduction to sanitation. Shows biological reasons for sanitation and the conditions for controlling bacterial growth. Explains the danger of bacteria; how bacteria spread from place to place; and how their growth can be accelerated or retarded. Demonstrates how hands, clothing, kitchen tools, unclean surfaces, rats, roaches and flies can carry germs. Stresses importance of cleanliness and the need for proper heating and cooling of foods.

1775-73

SERVING FOOD (MOTION PICTURE); DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, PUBLIC HEALTH SERVICE IN COOPERATION WITH THE N. C. STATE BOARD OF HEALTH. DISTRIBUTED BY THE NATIONAL AUDIOVISUAL CENTER.

U.S., Public Health Service

Washington, National Audiovisual Center 1 reel, 16mm, sd, col, 11 min. 1954.

RA565.S4 F6N AV

Disease prevention. Food service training. Food serving methods. Hygiene. Personnel management. Recruitment. Sanitation. Storage.

Abstract: For waiters, waitresses, and those who train food and table service personnel, this motion picture portrays the hiring of a waitress and shows the orientation and training given to her by the restaurant hostess. Instruction includes proper storage of cups, dishes, and glasses; cleanliness; correct ways to clear tables; personal hygiene and safeguards against disease.

1776-73

SIMPLE TRAINING PLAN CUTS ACCIDENTS.

T J Newman

Training in Business And Industry 9 (4): 55. Apr 1972.

HF1101.T7

Advertising. Safety. Training.

Abstract: Signs asking: "Does anyone want a gunball?" were posted at obvious locations around the maintenance department of a Johnson's Wax plant. When talk about the strange "Gunball" slogan reached its peak, the department manager held a series of meetings to explain the reasoning behind the signs. The explanation was: "I have here a jar of 641 gunballs. Of the 641, 600 can be eaten or chewed with no harmful effects at all. They are perfectly safe. Of the remaining 41 I have treated 30 with a laxative that will give you a serious case of diarrhea. Ten of them contain a solution that will blind you for life. The remaining one has a deadly poison that will kill you if you chew it. Does anyone want a gunball?" The 600-30-10-1 ratio represents the proportion of industrial accidents that result in, respectively: no injury, property damage, minor injuries, and major injuries.

1777-73

SIMPLIFIED FOOD PREPARATION SYSTEMS - THEIR IMPACT ON YOUR SANITATION SYSTEMS.

Richard K Rodgers

Food Serv 34 (6): 42-51. June 1972.

309.2534 F732

Convenience foods. Food preservation. Food sanitation. Frozen foods. Sanitation.

Abstract: This article lists some basic rules that should be followed in the handling, preparing, and serving of convenience foods to promote sanitation and prevent contamination.

1778-73

STANDARDS OF CLEANLINESS (FILM LOOP); MADE BY COMPRENETICS. DISTRIBUTED BY ROCOM; DIVISION OF HOFFMANN-LA ROCHE, INC.

ROCOM

Los Angeles, Comprenetics 1 cassette, super 8mm, sd, col, 15 min. 1970.

RA565.S75 F6N AV (Health employee learning progress)

Disease prevention. Food service training. Hospital food service. Hygiene. Laws. Sanitation.

For use in Fairchild cassette projector. Includes program guides.

Abstract: This training film stresses the importance of cleanliness in food service, identifies diseases caused by uncleanliness, and discusses the health standards set by government agencies.

1779-73

STAPHYLOCOCCI CONTROL AND THE FOOD PROCESSOR.

Marlo P De Figueiredo

J Am Diet Assoc 58 (2): 109-114. Feb 1971.

309.3 AM34

Disease prevention. Food poisoning. Food processing. Microbial contaminants. Staphylococcal food poisoning.

Abstract: The microbial world literally contains thousands of varieties of bacteria, yet only a few cause food poisoning. In most cases, consumption of spoiled food does not produce illness. On the other hand, the eating qualities of a food that can cause poisoning are generally good; otherwise the food would not have been consumed. This paper discusses the significance of staphylococci in foods and the preventive measures that might be taken to prevent staphylococcal food poisoning. It is concluded that minimizing staphylococcal contamination can only be achieved by total environmental control. Processors of quality foods should not wait for problems to occur but look for problem areas and try to correct them. Statistics show that illness due to staphylococcus in 45 per cent of the cases was due to mishandling by commercial eating establishments; 9 per cent by the homemaker, and only 6 per cent by the food manufacturer. These statistics are a

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PAGE 141

1780-73

Positive argument for stricter food service sanitation standards.

1780-73

THINK CLEAN.

M. Weisman, S. Kech

Fast Food 71 (12): 33-42. Dec 1972.

389.2538 F52

Commercial food service, Food sanitation, Restaurants.

Abstract: A group of articles on food sanitation and cleanliness: 1. In the name of sanitation--innovate, anon. 2. Top to bottom clean-up at Friendly's, by M. Weisman. 3. Restaurants self-police to curb pollution, by S. Kech.

1781-73

TURKEY: THE BAD GUY OF SCHOOL LUNCH.

F. L. Bryan, T. d. McKinley

Sch Foodserv J 25 (10): 83-84, 85-85, 91-92. Nov/Dec 1971.

389.6 S246

Food preparation, Foodborne diseases, Kitchens, Microbial contaminants, Poultry, School food service, School lunch programs.

Abstract: Turkey is frequently the source of foodborne illness in schools. The bacteria *Staphylococcus aureus*, *Salmonella*, and *Clostridium perfringens* are most often involved. Sources of contamination of turkey, and how to handle turkey are discussed.

1782-73

SANITARY FOOD SERVICE: INSTRUCTOR'S GUIDE, TO BE USED IN TRAINING FOOD-SERVICE PERSONNEL.

U.S., Consumer Protection and Environmental Health Service

Cincinnati, Ohio 129 p. 1969.

U408.3.A13 F64

Food service training, Foodborne diseases, Inservice education, Microbiology, Military food service, Pest control, Sanitation.

Abstract: This is an instructor's guide for teaching a course in food service sanitation. The lessons are illustrative and may be used as source material in conjunction with other texts, articles, and audio-visuals. Topics covered include (1) overview of the food service industry, (2) microbiology and foodborne disease, (3) prevention of foodborne disease, (4) personal hygiene, (5) washing and sanitation, (6) pest control, (7) housekeeping and waste disposal.

1783-73

THE UNWANTED FOUR: GERMS THAT CAUSE FOOD POISONING (FILMSTRIP/RECORD); NATIONAL RESTAURANT ASSOCIATION. PRODUCED AND DIRECTED BY NORMAN PIERCE AND ASSOCIATES FOR NATIONAL RESTAURANT ASSOCIATION.

National Restaurant Association

Chicago, National Restaurant Association 1 filmstrip, 132

Fr., col., 35mm and phonodisc, 14 min. (r.d.).

RA643.05 F64 AV

Bacteria, Food poisoning, Foodborne diseases, Hygiene, Salmonellosis, Sanitation, Staphylococcal food poisoning, Streptococcal infections.

Set includes: 1 record: 33 1/3 rpm, m/a. Also includes a poster titled: Profits and your people: through foodservice filmstrip training.

Abstract: This training filmstrip for food service employees emphasizes how mispractices and bacteria result in customer illness, costly claims, and loss of business reputation. The film familiarizes employees with the four diseases--salmonella, staphylococcus, clostridium perfringens, and streptococcus--and demonstrates the correct way of handling food to prevent those diseases from appearing.

1784-73

FOOD-BORNE ILLNESS: CAUSE AND PREVENTION. Third edition.

Kelly G. Vester

Rackly Mount, N.C., Food Service Guides 60 p. illus. 1970.

RA601.V4 F64

Audiovisual aids, Bacteria, Food contaminants, Food poisoning, Food service training, Foodborne diseases, Sanitation, Sterilization, Toxicants.

With supplements (unc.).

Abstract: Estimates of the annual number of cases of foodborne illness in the United States range from 100,000 to 200,000 and up. This discussion of germs and other sources of foodborne illness is intended to help food handlers understand the health hazards present in food and to encourage them to initiate and use safe and sanitary procedures in preparing, storing, and serving food. Numerous bacteria and other contaminants are described in considerable detail, and the procedures necessary to prevent the contamination and growth of each are set forth clearly. Charts and drawings are included to illustrate many of the causes of foodborne illness. These illustrations are also available on slides.

1785-73

WASHING UP (FILM LOOP); PRODUCED BY MCGRAW-HILL FILMS, INC. AND RAYBURN TECHNICAL FILMS, INC.

McGraw-Hill Films, Inc.

Wellesley, Mass., Kavic House 1 cassette, super 8mm, sl, col., 4 min. (r.d.).

RA565.W3 F64 AV (Vocational Library: food management--kitchen management principles)

Dishwashing, Sanitation.

For use in a Technicolor cassette projector.

Abstract: This film gives visual instruction on how to wash dirty dishes. There are specific demonstrations for scraping off refuse, rinsing, stacking, washing, and drying the various types of dishes, pots, and pans.

1786-73

WASHING-UP: PART 1 (SLIDES).

J. Lyons and Company

London, J. Lyons and Company 24 slides, 2"x2", col, sd, with magnetic tape: 3 3/4 ips. (n.d.).

RA642.W3 F64 AV (Hygiene in the Job Situation. Training Kit

"C")

Bacteria, Dishwashing, Food service training, Hygiene, Sanitation.

Set includes: script, summary and teacher's guide.

Abstract: An audiovisual kit for on-the-job training of food service workers. Covers the objectives, equipment, and materials involved in washing-up.

1787-73

WASHING-UP: PART 2 (SLIDES).

J. Lyons and Company

London, J. Lyons and Company 24 slides, 2"x2", col, sd, with magnetic tape: 3 3/4 ips. (n.d.).

RA542.W32 F64 AV (Hygiene in the Job Situation. Training Kit

"D")

Bacteria, Dishwashing, Food service training, Hygiene, Sanitation.

With an instructor's manual of "points to note" for each slide.

Abstract: An audiovisual kit for on-the-job training of food service workers. Reviews the objectives and means of washing-up, as given in Part 1, and discusses hand and machine washing-up processes, emphasizing that the procedures are the same and only the amount of work and the equipment differs.

1788-73

WORK SMART--STAY SAFE: AN EMPLOYEE SAFETY MESSAGE (FILMSTRIP/RECORD); NATIONAL RESTAURANT ASSOCIATION. PRODUCED AND DIRECTED BY NORMAN PIERCE AND ASSOCIATES FOR NATIONAL RESTAURANT ASSOCIATION.

National Restaurant Association

Chicago, National Restaurant Association 1 filmstrip, 125

Fr., col., 35mm and phonodisc, 12 min. 1969.

RA440.5.W6 F64 AV

Accident prevention, Food service training, Safety.

Set includes: 1 record: 33 1/3 rpm, m/a. Also includes a poster titled: Profits and your people: through foodservice filmstrip training and 12 posters on accident prevention.

Abstract: This training filmstrip shows how to prevent accidents caused by unsafe work habits. The ten human failings most likely to lead to accidents are personified in the form of "glitches"--"Dora Dreamglitch" daydreams her way into castastrophy, "Schizo Sam" pays half-attention and causes total chaos. Other glitches represent carelessness, rushing, overdoing, lack of consideration, "horsing around", drinking on the job, cutting corners, and overconfidence. A set of ten glitch posters is included.

Food Technology

1789-73

THE \$130 BILLION FOOD ASSEMBLY LINE (FILMSTRIP); U.S. DEPT. OF AGRICULTURE. DISTRIBUTED BY THE PHOTO LAB.

U.S., Dept. of Agriculture, Economic Research Service

Washington, Photo Lab, Inc. 1 filmstrip, 47 Fr., sl, 35mm,

col. 1972.

HD9000.1.F64

Agriculture, Consumer education, Food economics and consumption, Food service industry, Marketing.

Set includes: a narrative guide. Also available in slide set (C-187).

Abstract: From the farmer's field to the family's dinner table, this filmstrip gives an overview of the food producing and distributing industry in the United States. The role of technology in providing more and varied foodstuffs is described, as well as the chain of food distribution to supermarkets, restaurants, schools, hospitals, and other institutions. The variety of people who work in the food industry is also described.

1790-73

ADVANTAGES OF APC CAROTENAL IN COLORING NON-STANDARDIZED DRESSINGS AND SPREADS.

Alfred J. Finberg

Food Prod Dev 51(2): 46-47. Apr 1971.

HD9000.1.F64

Analytical methods, Color in foods, Dressings, Food analysis, Food processing, Research, Salads.

Abstract: This article describes the techniques used to evalu-

PAGE 142

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ate the coloring properties of a chemically synthesized form of beta-carotene. The results confirmed that apo-carotene provides an effective, uniform coloring for use in dressings. The stability of apo-carotene was judged to be of major value for dressings packed in plastic, and it eliminated potential bacteriological problems between lots because it is chemically synthesized.

1791-73

ALLURA RED - NEW FOOD COLOR OFFERS GREATER BRILLIANCE AND STABILITY.

Richard J. Gornick

Food Prod Dev 5(1): 26-28, Feb/Mar 1971.

HD9000.1.F64

Color in foods, Food additives, Food processing.

Abstract: This article describes a new color additive, called Allura Red AC. Chemically, it is a monoazo dye formed by coupling diazotized 5-amino-4-methoxy-2-toluenesulfonic acid with 6-hydroxy-2-naphthalenesulfonic acid. When used alone, a product color ranging from deep ruby red to a rich orange can be achieved. Allura can be blended to produce a wide variety of shades. Tables comparing the important physical and chemical characteristics of Allura with other red colorants are included.

1792-73

APPLESAUCE CAN BE PERFECT FOOD FOR VITAMIN C FORTIFICATION.

John W. Gage

Food Prod Dev 5(7): 40-43, Nov 1972.

HD9000.1.F64

Applesauce, Ascorbic acid, Food cost analysis, Fortification agents.

Abstract: Recent surveys have shown an increasing number of diets are inadequate in vitamin C. Consumers are aware of the need for this vitamin. Since the cost of adding vitamin C to applesauce is less than 10¢ per hundred pounds, there is a strong marketing rationale for fortifying this product at a level of 60 mg. per 4 oz. serving.

1793-73

ARE U.S. DAIRYMEN OVERLOOKING POTENTIAL OF FROZEN MILK CONCENTRATES MARKET?

Quick Frozen Foods 33 (7): 34, 108, Feb 1971.

339.8 04

Concentrates, Frozen foods, Marketing, Milk products.

Abstract: Frozen flavored milk concentrates have possible uses beyond those ordinarily envisaged for a milk product. The concentrates are more nutritious than freeze-dried milk, have exceptional keeping quality and storage convenience, and give the psychological illusion of giving more for the money when they are reconstituted to three or four times the purchased quantity. The concentrate can be apple, fruit, or egg nog flavored; and can be used as a beverage or as a cooking ingredient.

1794-73

ASSAY OF SODIUM ION CONTENT OF FROZEN CONVENIENCE FOODS.

S. A. Miller

J. Home Econ 63 (3): 100-104, Mar 1971.

321.6 282

Convenience foods, Food analysis, Frozen foods, Sodium ions.

Abstract: Sodium added to commercially prepared frozen foods not available in publication. Medical importance in restricted diets prompted this study, using standard flame photometry and electronic analysis of 17 products, including potatoes, fish, souffles, macaroni and cheese. Methods compared.

1795-73

AUTOMATED DETERMINATION OF PROTEIN-NITROGEN IN FOODS.

H. G. Lents, J. E. Dougherty

Food Prod Dev 5(2): 86-92, Apr 1971.

HD9000.1.F64

Analytical methods, Food analysis, Measurement, Nutrient content determination, Nutrients, Proteins.

Abstract: Proteins play an important role in the nutrition, flavor, texture, and acceptance of many foods. This article shows how information regarding protein content of foods may be gotten by measuring the nitrogen content. The author describes an automated method of protein-nitrogen measurement using the Kjeldahl nitrogen analyzer and concomitantly developing a singular set of parameters which could be universally applied to these substances.

1796-73

THE CHEMICALS WE EAT.

Melvin A. Benard

New York, American Heritage Press 200 p. 1971.

TX533.B4 F64

Food additives, Food beliefs, Food chemistry, Food contaminants, Food preservation, Food standards and legislation, Food technology, Public health.

Abstract: The author of this book attempts to rectify what he feels is the public's misinformation about food additives by explaining in reassuring terms why specific chemicals are added to foods, what these chemicals are, and how they function. He points out how our reliance on convenience foods necessitates the use of additives, and outlines the government testing programs designed to ensure the safety of additives. His conclusions are that additives are as safe as can be expected given the present state of food technology, and that lists of additives should be deleted from food labels since they make the consumer "queasy" and he can't understand them

anyway.

1797-73

BETTER FROZEN PRODUCT PROTECTION INDICATED IN TESTING OF POLY-TO-POLY CARTON SEALS.

Quick Frozen Foods 34 (3): 61, Oct 1971.

339.8 04

Food preservation, Frozen foods, Packaging, Palatability ratings.

Abstract: Green beans stored for eight months in poly-sealed containers have a better appearance, both frozen and thawed, than beans in conventional overwraps. The article quotes a study in which package types were compared for value in preserving frozen foods. The study evaluates the significance of the desiccation process.

1798-73

BETTER HEAT SHOCK RESISTANCE AND EXTRUDABILITY IN ICE CREAMS WITH MICROCRYSTALLINE CELLULOSE.

P. G. Keeney, D. V. Josephson

Food Prod Dev 6(7): 88-94, Nov 1972.

HD9000.1.F64

Food additives, Ice cream, Microcrystalline cellulose.

Abstract: MC (microcrystalline cellulose) imparts body and smoothness to ice cream and ice milk, and it tends to make them less "cold tasting." MC's effect becomes especially noticeable during storage and distribution. Products become resistant to development of coarse texture which is a consequence of the inevitable fluctuations in temperature and freeze-thaw cycles as the product moves from manufacturer to consumer. No off-flavors are associated with MC, and frozen desserts melt to smooth, creamy consistencies. Viscosities are not abnormally high with MC, and mixes can be processed without difficulty. MC also lessens the serum separation or "wheying off" tendency in mix stabilized with CMC.

1799-73

BURGER-TYPE PRODUCTS FROM TEXTURED SKIMMILK CURD.

Phyllis J. Pinkston, T. J. Glaydon

Food Prod Dev 5(7): 87-90, Nov 1971.

HD9000.1.F64

Food analysis, Food technology, Meatburgers, Milk products, New products, Proteins, Synthetic foods.

Abstract: This article describes the development of a product resembling ground beef in flavor, texture, and appearance. It is made principally of textured skim milk curd without the addition of meat. The author details the burger's formulation and processing, the preparation of basic textured curd granules, the preparation and processing of the burgers, and the packaging of the product.

1800-73

THE RIGHT WAY OF TEXTURED VEGETABLE PROTEIN.

California, Dept. of Education, Food Service Office

Merian LeBaron

Sacramento 7 p. 1972.

TP370.C3 F64

Plant protein concentrates, Recipes, Soybean products, Synthetic foods, Textured vegetable proteins, USDA Food and Nutrition Service.

California School Food Service Association, 19th annual.

Abstract: Textured vegetable protein has been accepted by the U.S. Dept. of Agriculture as a partial substitute for meat, fish, and poultry. This pamphlet enumerates the U.S.D.A. specifications, provides tables of information and recipes, and lists suppliers of textured proteins.

1801-73

CEREAL GRAINS AS DIETARY PROTEIN SOURCES.

A. S. Clausi

Food Technol 25 (8): 63-67, Aug 1971.

339.8 F7398

Food composition, Food processing, Grain products, New products, Nutrient content determination, Nutrient values, Proteins.

Abstract: Cereal grains are the most important source of protein for most of the world's population, yet they are low in protein quantity and quality. Efforts to formulate high-protein foods by supplementing cereal grains with amino acids, etc., with no regard to eating habits or acceptability of food forms usually result in products that are nutritious but unappealing. General Foods Corporation has developed a highly-acceptable fortified macaroni product, and this development is described in detail.

1802-73

THE CHANGING ROLE AND FORM FOR PACKAGING.

Dale L. Grubaker

Food Prod Dev 5 (4): 100-102, 108, Jun/Jul 1971.

HD9000.1.F64

Food packaging, Merchandising, Sociology, Technology.

Extract: What I am really saying is that there are a lot of new kinds of people out there doing their thing, and if we are alert marketers with an enlightened self-interest and a little sensitivity, we can plug into what's going on for profit.

1803-73

CHEESE PACKAGES - GOATSKINS TO LAMINATES.

Stanley Secharow

Food Prod Dev 5 (3): 44-46, May 1971.

HD9000.1.F64

PAGE 143

1804-73

Cheese, Food preservation, Food processing, Milk products, Packaging.
 Abstract: There are two basic categories of cheese manufacture--natural and processed--that affect the selection of package structure. The author describes specific package types and packaging processes that are best for each type of cheese manufacture. Descriptive evaluations of cheese packaging machinery are also given.

1804-73

THE CHEMISTRY OF MEAT COLOR.
 F M Clydesdale, F J Francis
 Food Prod Dev 5 (4): 81-82, 87-90, Jun/Jul 1971.
 HD9000.L.F64
 Color in foods, Food chemistry, Food packaging, Food preservation, Food selection, Meat.
 Abstract: Most consumers buy beef according to its color. This article reviews the color chemistry of beef, turkey, and other meats, and the effect of packaging and other factors on their color.

1805-73

CLOUDING AGENTS FOR THE FOOD INDUSTRY.
 Alfred Jørgensen
 Food Prod Dev 5 (3): 90-94, May 1971.
 HD9000.L.F64
 Food analysis, Food composition, Food processing, Food technology, Soft drinks.
 Abstract: This article describes two major types of liquid clouding agents available to the food industry: those containing neutral vegetable oils and those known as citrus blenders. The authors explain the effects of these agents and give advice on their proper use to achieve an appealing effect in the appearance of soft drinks.

1806-73

COLOR MEASUREMENT OF FOODS: XXXII: MISCELLANEOUS: PART II, POTATO PRODUCTS.
 F J Francis, F M Clydesdale
 Food Prod Dev 6(2): 85-89, Apr 1972.
 HD9000.L.F64
 Analytical methods, Color in foods, Potatoes, Snacks.
 Abstract: The actual color of potato chips necessary to obtain optimum sales varies with different areas of the country, therefore the chip marketer attempts to provide products for every preference. Even with optimum storage treatment, it is not always possible to predict the chip color that a given lot of potatoes will produce. This situation has led to considerable research into predictive methods and ways of circumventing the problems of year around production. A number of visual systems for evaluating color of potato chips have been developed, and a number of instrumental methods have been proposed for measurement of potato chip color and usually involve three instruments and two general methods of sample presentation. This report summarizes the research being conducted.

1807-73

THE COMPLETE G339.E.
 Food Serv 33 (1): 31-32, Jan 1971.
 3A9.2538 F732
 Food processing, Poultry, Recipes.
 Abstract: This article tells of the various ways turkey is processed and how it can be used in a wide range of dishes. Recipes are included.

1808-73

COMPONENTS VERSUS MEALS.
 Quick Frozen Foods 33 (7): 116, Feb 1971.
 3A9.8 04
 Convenience foods, Frozen foods, Marketing, Prediction, Prepared portioning.
 Abstract: This editorial predicts that by 2000 A.D., the food industry may be dealing primarily in complete meals rather than components and that this shift will affect every aspect of the business.

1809-73

CONSIDERATIONS IN FORMULATING AND PRODUCING VEGETABLE FAT-BASED DAIRY SUBSTITUTES.
 D T Rusch
 Food Technol 25 (5): 32,34,36, May 1971.
 3A9.8 F7393
 Dairy food substitutes, Food processing, Ingredients, Vegetable fats.
 Abstract: Synthetic dairy products are both the filled and imitation types. Filled milk products consist of mixtures of milk and non-milk products plus vegetable fat and emulsifier. Imitation milk products resemble dairy products but contain no dairy ingredients. They consist of proteins, non-dairy non-fat solids, vegetable fats, emulsifier, and stabilizer. Formulation of filled and imitation milks, chocolate drinks, and regular and cultured creams is discussed. The three key areas of the manufacturing process: mixing, homogenization and cooling--are also discussed.

1810-73

CONSUMER STUDY SHOWS PREFERENCE FOR TOMATO PASTE IN GLASS JARS.
 Leonard Ciani
 Food Prod Dev 4(8): 34-36, Oct/Jan 1971.
 HD9000.L.F64
 Canned foods, Consumer economics, Food packaging, Surveys.

Abstract: This article describes a survey of consumer preferences which found that tomato paste in a glass jar with a resealable cap appears to capture about fifty per cent of the existing market, even when priced slightly above the same product sold in a metal can.

1811-73

A CONVENIENCE COMPASS.
 Food Serv 32 (1): 38, Jan 1970.
 3A9.2538 F732
 Convenience foods, Frozen foods, Main dishes.
 Abstract: Specialty and foreign frozen pre-prepared entrees are listed in this article. The list is representative, and includes products that are readily available in most parts of the country.

1812-73

CONVENIENCE ISN'T ENOUGH IN FOODS FOR THE '70'S.
 Thomas Thompson
 Food Prod Dev 5 (4): 61-62, Jun/Jul 1971.
 HD9000.L.F64
 Convenience foods, Food fads, Marketing.
 Abstract: This speech, by a food industry executive, was presented at a conference on "The Affluent Consumer." The author feels that convenience foods are here to stay, since the "vast, ambitious majority wants all the good things it can get from this modern world." He dismisses natural foods and gourmet cooking as insignificant problems that will wither in the face of high-pressure marketing of TV dinners.

1813-73

CONVERSION AND PACKAGING OF FOOD PRODUCTS FOR USE WHERE FACILITIES AND PERSONNEL ARE LIMITED OR NON-EXISTENT.
 William D Stamper
 In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 282-294, July 12/24, 1970.
 LB3479.U5M3 F6N
 Commercial food service, Food service industry, Food standards and legislation, Nutrition.
 Abstract: A discussion of the conditions under which industry supplements school food service systems by conversion or packaged foods.

1814-73

COOKING TECHNIQUES FOR BROILER CHICKENS.
 L D Yingst, R C Wyche, T L Goodwin
 J Am Diet Assoc 59 (6): 582-585, Dec 1971.
 3A9.8 AM34
 Chicken, Cooking methods, Food yields, Palatability ratings, Poultry.
 Abstract: Two experiments were conducted to provide additional information concerning cooking methods and brooding on yield, tenderness, fat and moisture contents of commercially processed broiler parts. Both experiments used breasts, drumsticks, thighs, and wings. The parts were cooked by steam, using three pressures, and by water-cooking. Cooking methods had no effect on the yield of unbreaded parts. The wings gave the highest percentage cooked yield when unbreaded, followed by drumsticks, thighs, and breasts. Steam-cooking of the breaded parts at 15 p.s.i. pressure resulted in a lower cooked yield than did cooking at either zero or 5 p.s.i. The breaded breasts gave a higher cooked yield than did any of the other parts. Chemical analyses indicated that the skin portion of all parts contained more fat and less moisture than did the meat portion of the same parts. Water-cooked parts contained more extractable fat than did steam-cooked, unbreaded parts. Thighs contained the most fat for both muscle tissue and skin.

1815-73

CRYOGENIC FREEZING CONES OF AGE.
 Diane Farnakis
 Quick Frozen Foods 35 (8): 44-46, Mar 1973.
 3A9.3 04
 Equipment, Food processing, Freezing.
 Abstract: Cryogenic freezing may be defined as very low temperature freezing--below -75 degrees F. Such rapid freezing reduces all damage. New cryogenic freezing equipment is described in this article.

1816-73

CURRENT SACCHARIN ACTIONS PLACE ADDED STRESS ON NEED FOR A NON-NUTRITIVE SWEETENER.
 Karl Beck
 Food Prod Dev 6(2): 34-37, Apr 1972.
 HD9000.L.F64
 Cancer, Food analysis, Food standards and legislation, Genetics, Sugar substitutes, Toxicity.
 Abstract: Saccharin, the last remaining legal, non-nutritive sweetener is being re-evaluated to determine its toxicity and long-range genetic effects. This article reports on some of the studies being conducted and on some of the new sweeteners under development: dihydrochalcones, dipeptide, and monellin.

1817-73

THE CURRENT STATUS OF SACCHARIN.
 Food Prod Dev 5 (4): 60, Jun/Jul 1971.
 HD9000.L.F64
 Food additives, Food standards and legislation, Sugar substitutes, Toxicity.
 Abstract: The banning of cyclamates has led to a re-evaluation of the safety of saccharin, which was also previously outlawed. Long-term chronic toxicity studies on rodents are in

- progress, and the regulatory status of the artificial sweetener is in flux.
- 1818-73**
CUSTARD SAUCES MADE WITH FOUR TYPES OF PROCESSED EGGS.
Orlis M Deans, Oris A Janek, Mary E Zask
J Am Diet Assoc 57 (1): 33-37, Jul 1973.
389.8 A434
Dried foods, Eggs, Frozen foods, Palatability ratings, Processed foods, Sauces.
Abstract: Stirred custard sauces were prepared from spray-dried, freeze-dried, foam-spray-dried, and frozen eggs and cooked in a steam-jacketed kettle. Comparative data on the quality of these sauces by subjective evaluations and objective measurements are reported. Average scores for palatability of the custard sauces were in the medium, good, and very good ranges. Measurements were made of the pH of uncooked and cooked custard sauce, color of the cooked sauces, and viscosity at selected temperatures during cooking and after chilling of the product. Mean pH of the mixtures was 7.0 before and after cooking. Measurements of viscosity indicated the thickest custard sauces were those containing freeze-dried and frozen eggs.
- 1819-73**
DEEP-FRIED SNACK FOOD PREPARED FROM SOYBEANS AND ONIONS.
J L Collins, G G Sanders
Food Technol 27 (5): 45-54, May 1973.
389.8 F7393
Palatability ratings, Snacks, Soybean products, Synthetic foods.
Abstract: This article details the preparation, sensory evaluation, and analytical testing of a soybean-onion deep-fried snack food. The study indicated that chopped soybeans could be combined with chopped onions and prepared as a tasty deep-fried snack food. However, additional studies are needed to eliminate the antitryptic factors.
- 1820-73**
DEFAATTED GERM FLOUR - FOOD INGREDIENT FROM CORN.
C W Bleskin
Food Prod Dev 6(3): 34-35, May 1972.
H09000.1.F64
Breads, Corn, Fat modifications, Flour, Processed foods, Pretzels.
Abstract: From commercial dry-milled corn germ, a flour containing about 25 percent protein was obtained. In this study, the corn germ flour was evaluated in cookies, muffins, and rolled beef patties. The article explains the process of preparing the germ flour and describes the flour's properties.
- 1821-73**
DEFROST INDICATORS.
H M Schwan, C H Byrne
Food Technol 26 (10): 46-50, Oct 1972.
389.8 F7393
Food preservation, Frozen foods, Indicators.
Abstract: Although many designs of defrost indicators have been patented, the ideal indicator does not exist. This article discusses the problems in designing defrost indicators to indicate quality and concludes that such indicators should find more use in monitoring shipping practices than informing the consumer.
- 1822-73**
DEHYDRATED PROTEIN-FORTIFIED FRUIT JUICES.
D K Salunko, H K Jain
Food Prod Dev 6(1): 84-86, Feb/Mar 1972.
H09000.1.F64
Beverages, Dehydrated foods, Food processing, Fortified foods, Fruit juices, Processed foods, Protein-rich mixture.
Abstract: Protein content of most deciduous fruits is low, and its quality in terms of amino acids is poor. This article describes an attempt to fortify fruit juices with protein and then dehydrate them to nutritious powders. Fortified apple juice, peach nectar, and cherry juice were produced in this study.
- 1823-73**
DEVELOPING A PRODUCT TO MAKE SALADS TASTE SPECIAL.
Mita Halasz
Food Prod Dev 6(1): 12-14, 38, Dec/Jan 1973.
H09000.1.F64
Breads, Dressings, Food processing, Merchandising, Miscellaneous foods, New products, Processed foods, Salads.
Abstract: This article describes the creation, formulation, processing, packaging, and marketing of a new product, called "Saled Crispins." The product is a bread crouton, formulated in various flavors and processed for long shelf life. It is intended for use in salads. The author explains in special detail the research that went into determining the marketability of the product.
- 1824-73**
DEVELOPMENT AIDS: DIVERSE PRODUCT APPLICATIONS IDENTIFIED FOR UNIQUE FLAVORED PROTEIN PRODUCTS.
Food Prod Dev 6(1): 34-35, Dec/Jan 1973.
H09000.1.F64
Flavorings, Food technology, Fortified foods, Processed foods, Proteins, Soybean products, Textured vegetable proteins.
Abstract: This article explains the production techniques and the many uses of a flavored soy protein product called "Bontre-
- as." General specifications for the product are given and details of various specific products made from Bontre are mentioned: aseptic banana curer, bacon flavored textured vegetable protein, Mexican food flavoring offered as a sauce base, plus others.
- 1825-73**
DEVELOPMENT AIDS: FLAVORED, COLORED APPLE PIECES OFFER ROUTE OF DISTINCTION; SCHOOL LUNCH ENTREES FORMULATIONS OFFERED.
Food Prod Dev 6(1): 66-70, Dec/Jan 1972.
H09000.1.F64
Apples, Processed foods, Recipes, Textured vegetable proteins, Type A lunch.
Abstract: These brief reports advertise two new food items aimed at school lunches: "vacu-dry apple nuggets and discs" are processed apples colored and flavored to imitate blueberries and raspberries; "ultra-soy" is another textured vegetable protein.
- 1826-73**
DEVELOPMENT AND CONSUMER EVALUATION OF SOFT-SERVE FROZEN DESSERTS.
Morrison Leewenstein, William J Dell
Food Prod Dev 6(2): 32-36, Apr 1971.
H09000.1.F64
Consumer economics, Desserts, Food processing, Frozen desserts, Palatability ratings.
Abstract: This investigation was undertaken to determine if it was possible to manufacture a soft-serve frozen dessert containing vegetable fat that would be acceptable to the average customer. The authors describe the materials and methods used in developing the product, and conclude that through critical evaluation it is possible to find vegetable fats that can be substituted for milk fat in a soft-serve formulation without producing undesirable flavor, body, or texture characteristics.
- 1827-73**
DEVELOPMENT AND MARKET EVALUATION OF A TROPICAL FRUIT PRODUCT FOR A NUTRITIOUS BREAKFAST.
O M Barbano, P A Buck
Food Prod Dev 6(1): 12-14, Feb/Mar 1972.
H09000.1.F64
Breakfast, Food technology, Fruits, Marketing, Merchandising, New products, Processed foods.
Abstract: This article describes the creation, development, and production of a new fruit product—a combination of processed guava and ordinary applesauce—intended as a variety food. The authors show the general processing procedure and the means used for quality control of the product. The successful marketing campaign is also described.
- 1828-73**
DEVELOPMENT AND PRODUCT APPLICATIONS FOR A HIGH PROTEIN CONCENTRATE FROM WHEY.
T W Craig
Food Prod Dev 4(8): 92-94, Dec/Jan 1971.
H09000.1.F64
Food processing, Milk products, Protein foods, Protein-rich mixture, Proteins.
Abstract: This article describes a commercially successful method of converting whey into a profitable, potentially nutritious protein concentrate. In this process, the serum proteins in whey are concentrated using a combination of demineralization and lactose removal to obtain protein levels of 30 to 35 per cent on a dry solids basis.
- 1829-73**
DIP PROCESS FOR 10F FRUIT ELIMINATES SYRUP BUT RETAINS FLAVOR, COLOR OF FRESH.
Quick Frozen Foods 33 (9): 109-110, Apr 1971.
389.8 Q4
Food processing, Freezing, Frozen foods, Fruits.
Abstract: A dip process that eliminates syrups during freezing but allows retention of flavor and color, has been developed by researchers at the University of California at Davis. The process involves a product pre-dip, prior to freezing, in a sucrose solution of slightly greater strength than the Brx of the fruit itself, with added ascorbic acid and various other fruit acids. The reduction of freezing and thawing time gained with the new process should be beneficial to both the retail and institutional markets.
- 1830-73**
DIRECTIONS '73.
Roslyn Willett
Food Mgt 6 (1): 36-40, 124, Jan 1973.
TX943.F6
Food service industry, Food service management, Management development, Prediction, Technology.
Abstract: A look into the future of the food service industry reveals surprising discoveries and technologies that food service directors should become aware of. Two trends seem to emerge—one toward large-scale, system-oriented, automated, and computerized operations; the other toward small-scale, organic, personalized, and individualized operations. The author describes both trends and points out how modern technology will affect and change their functioning.

1031-73

1031-73

DRY SAUCES, SOUP MIXES REAP BENEFITS OF NEW INGREDIENT: LOW MOISTURE APPLE SOLIDS.

J A Kittson

Food Prod Dev 6(7): 36, Nov 1972.

HD9000.1.F64

Apples, Dried foods, Food analysis, Processed foods.

Abstract: Through an ingenious process, apples can be transformed into pumpkin bliss, pizza sauce, milk shakes, and even blueberries. This review describes the processing, properties, and uses of these dried apple solids.

1032-73

EDIBLE CONTAINERS.

Menfred Kruger

Food Prod Dev 5(7): 74-79, Nov 1971.

HD9000.1.F64

Food packaging, Food technology, Palatability ratings.

Abstract: This article deals with the history, manufacture, and potential market for edible containers. Various types of edible containers are described: gelatin capsules, Myvacat, water-in-oil emulsions, water-soluble films, polyvinyl films, etc. The three commercially available films in the United States are (1) a film based on high-amylose corn starch, (2) a film based on alpha-cellulose that is chemically modified to hydroxypropylmethyl cellulose, and (3) a film made of hydroxypropyl cellulose. Each of these is described in detail.

1033-73

EDIBLE PACKAGING JPOATE.

Bruce H Morgan

Food Prod Dev 5 (4): 75-77, 108, Jun/Jul 1971.

HD9000.1.F64

Food packaging, Food technology, Palatability ratings.

Abstract: The author reports on research being conducted to develop an edible food package: not a package for edible food, but a food package that can be eaten. Although the possibility is apparently verging on reality, he concludes that "there are still problems to be solved before the can containing the HI-C can be nibbled away while staring evenings at the 'idiot box'."

1034-73

EFFECT OF PACKAGING METHODS ON FROZEN ASPARAGUS.

Celine Sloan, Gwendolyn L Tinklin

J Am Diet Assoc 56 (5): 413-417, May 1970.

389.8 A434

Asparagus, Food packaging, Frozen foods, Nutrient retention, Palatability ratings.

Abstract: Effects of three packaging methods on quality of frozen asparagus were investigated and compared after storage for one month, 10 weeks, and five months. Only shear values of fresh and fresh-blanching spears were significantly different. Subjective scoring for appearance after frozen storage did not change significantly, but scores for aroma, flavor, and texture were significantly lower for stored asparagus than for the fresh-blanching. General acceptability ratings decreased during frozen storage. Ascorbic acid values were significantly higher and objective greenness values significantly lower for asparagus in boil-in-bag pouches than for the fresh-blanching. No other trends relating to packaging methods were noted. Cell damage as assessed microscopically increased with storage time, but shear value after 5 months was significantly higher than for fresh-blanching. No consistently significant trends for reflectance values and no significant changes in percentage of total solids were noted at the storage times studied.

1035-73

EFFECT OF PROCESSING ON PROVITAMIN A IN VEGETABLES.

J P Sweeney, A C Tarnish

J Am Diet Assoc 59 (3): 238-243, Sept 1971.

389.8 A434

Carotenes, Food processing, Nutrient values, Provitamins, Vegetables, Vitamin A.

Abstract: The total provitamin A theoretically available in a number of foods was evaluated by isolation of the stereoisomers of alpha- and beta-carotenes, and addition of the biopotency values of the various isomers. Effects of various processing procedures, cooking with and without pressure, freezing, canning, and in some cases, freeze-drying, on formation of carotene stereoisomers were determined. Carotene isomers were found in freshly harvested vegetables. Processing converted additional amounts of all-trans carotene to stereoisomers with lower biopotency values. This conversion lowers the biotin A values of green vegetables by 15 to 20 per cent and values of yellow vegetables by 30 to 35 per cent.

1036-73

EFFECT OF STORAGE AND PROCESSING ON SULFUR DIOXIDE IN PRESERVED FRUIT.

M R Smith, F P Boyle

Food Prod Dev 5(7): 82-86, Nov 1972.

HD9000.1.F64

Color in foods, Dried fruits, Food preservation, Preservatives.

Abstract: Drying is the oldest and most economical method of producing high quality preserved fruit. Dried fruit is judged largely by its color which is affected by numerous factors such as storage conditions, sulfur dioxide content, and illumination. Commercially, treatment of cut dried fruit with sulfur dioxide is essential to maintain high quality. This report studies sulfur dioxide absorption into fresh apples and desorption and migration in dried apricots, peaches, pears, and prunes.

PAGE 146

desorption and migration in dried apricots, peaches, pears, and prunes.

1037-73

EFFECTS OF SOME NEW PRODUCTION AND PROCESSING METHODS ON NUTRITIVE VALUES.

Dorethy F Hollingsworth

J Am Diet Assoc 57 (3): 246-249, Sept 1970.

389.8 AM34

Agricultural development, Dietary surveys, Food analysis, Food intake, Food processing, Great Britain, Nutrient values. Abstract: Changes in agricultural methods and food processing may affect the nutritive values of the foods we eat. To document such changes--necessary in evaluating food consumption of a nation--the author reports on a program of studies of different foods that is being carried out in the United Kingdom. The effect of processing methods of foods for young children is also considered by the author.

1038-73

EGG SOLIDS: MAKING THE CONVENIENT MORE CONVENIENT.

D Johnson

Sch Lunch J 8. 60-62, 64-66, May 1970.

389.8 SCH6

Dehydrated foods, Eggs, Food packaging, Food preservation, Food sanitation, Frozen foods, School food service.

Abstract: Describes processing of shell eggs to produce dried whole egg solids, and advocates their use in school lunch cooking and baking.

1039-73

AN EVALUATION OF FROZEN FOOD INDICATORS NOW ON THE MARKET.

Ken-ichi Hayakawa

Oulek Frozen Foods 35 (4): 72-74, Nov 1972.

389.8 Q4

Food preservation, Food technology, Frozen foods, Research.

Abstract: The American Frozen Food Institute sponsored a research project to serve as a model for testing existing and future frozen food indicators. Temperature indicators and time-temperature indicators were tested. Although a portion of analyses of the test data had still to be collected at the time of writing of this article, all indicators tested performed according to respective manufacturers' descriptions and specifications.

1040-73

EXPLOIT NEW PRODUCT TECHNOLOGY.

Peter Hilton

Food Prod Dev 5 (5): 38-40, Aug/Sept 1971.

HD9000.1.F64

Food industry, Food processing, Food technology, New products, Synthetic foods.

Abstract: The author discusses the creation of new food products, the problems involved in production and especially in marketing. He points out that a new product can be expected to take anywhere from 18 months to 7 years to reach profit levels in the marketplace. He also notes that the mortality rate for new products is rising. He stresses that new "breakthrough" products will be harder to come by, that new products of all types will be expensive to develop, that a new product's chance for market success are declining, and that, because of the foregoing, product research and development technology will become increasingly vital to the food industry.

1041-73

EXPLORING DIFFERENT WAYS OF MEETING NUTRITIONAL NEEDS.

S V Royle

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 255-266, July 12/24, 1970.

L83479.U5H3 F6N

Food technology, Fortification agents, Low income groups, Nutrition, Protein foods, School food service.

Abstract: Protein products examined in the light of industrial research and nutritional standards.

1042-73

EXPLOSION-PUFFED APPLES ARE COMMERCIALLY FEASIBLE.

R L Stabile

Food Prod Dev 4(8): 80-88, Dec/Jan 1971.

HD9000.1.F64

Apples, Cost effectiveness, Costs, Food processing, Fruits, Operating expenses.

Abstract: This study set out to prove that, according to cost estimates for a commercial plant located in an apple-producing area of the United States, the manufacture of dehydrated, explosion-puffed apple segments is commercially feasible. The explosion-puffing plant would be an addition to an already existing apple processing facility. The study proposes three puffing guns (two in operation and one spare) in which twenty ten-pound charges (ten pounds of dehydrated apples) can be puffed per gun per hour.

1043-73

EXTRUDED SNACK MATCHED TO NUTRITIONAL NEEDS, AND MARKETING TO SCHOOL AGE CONSUMERS.

Food Prod Dev 7(2): 16, Mar 1973.

HD9000.1.F64

Marketing, School lunch programs, Snacks, Synthetic foods.

Abstract: "Pre-teens" is a deep-fat fried corn-soy-sodium caseinate base and modified starch, seasoned with a spice blend incorporating a vitamin pre-mix. Pre-teens were test marketed in Baltimore schools, where it was discovered that

- elementary school students preferred them to potato chips and high school students liked them about as well as potato chips.
- 1844-73**
EXTRUSION COOKING OF CEREALS AND SOYBEANS - PART I.
 H F Conway
 Food Prod Dev 5(21): 27-31, Apr 1971.
 HD9000.1.F64
 Cooking equipment (Large), Cooking methods, Food processing, Grain products, Soybean products.
 Abstract: This article is in two parts. Part 1 in this issue describes three extrusion processes used in the food industry: cold forming, low-pressure cooking and forming, and high-pressure cooking and forming. Methods of using extrusion equipment are outlined, as well as ways to evaluate the product extruded. Results attained by varying the use of extrusion equipment are also described.
- 1845-73**
EXTRUSION COOKING OF CEREALS AND SOYBEANS - PART II.
 H F Conway
 Food Prod Dev 5 (3): 14-22, May 1971.
 HD9000.1.F64
 Cooking equipment (Large), Cooking methods, Food processing, Grain products, Soybean products.
 Abstract: This is the second part of a two-part article describing three extrusion processes used in the food industry: cold forming, low-pressure cooking and forming, and high-pressure cooking and forming. Methods of using extrusion equipment are outlined, as well as ways to evaluate the product extruded. Results attained by varying the use of extrusion equipment are also described.
- 1846-73**
EYE THE POTATO FOR VITAMIN C.
 B G Anderson
 Sch Foodserv J 25 (9): 58-60, Oct 1972.
 389.8 SC46
 Ascorbic acid, Potatoes, Recipes, School food service.
 Abstract: Potatoes supply nearly 20% of the nation's vitamin C. While the vitamin is destroyed easily by heat, the potato granule industry is adding vitamin C to their products; includes recipes.
- 1847-73**
FINDING THE CORRECT RETAIL PACKAGE TO INTRODUCE AN UNBELIEVABLE PRODUCT.
 Richard J McCorralick
 Food Prod Dev 5 (4): 25-26, Jun/Jul 1971.
 HD9000.1.F64
 Attitudes, Consumer economics, Food packaging, Food technology, New foods, Synthetic foods, Vegetables.
 Abstract: A Florida company developed a process whereby celery, and other vegetables, could be cooked and canned and yet remain crisp. Home-makers, however, could not believe that a canned product could be as crisp as a fresh product. "Considerable in-depth probing was required before the conflict of attitude could be resolved." At the time of this article, they were experimenting with glass jars and film-sealed plastic trays. A sequel is promised to report on the final resolution of the dilemma.
- 1848-73**
FISH & SEAFOOD: WHERE CONVENIENCE SPANS THE CONTINENTS.
 Bruce Selth
 Food Serv 33 (2): 23-27, Feb 1971.
 389.2535 F732
 Convenience foods, Cookery, International, Fish, Seafood.
 Abstract: In the U.S., all age groups are expressing interest in the flavors of foreign fare. The result has been the development of U.S. processed international seafood products. Some 26 items available in portion-control convenience form are listed. Color photographs illustrate several seafood dishes and accompaniments.
- 1849-73**
FISH PROTEIN CONCENTRATE ENRICHMENT OF NOODLES.
 H C Voor, A M Erdman
 J Home Econ 63 (4): 263-265, ref. Apr 1971.
 321.4 J82
 Diets, Fish, Fish protein concentrates (FPC), Noodles, Proteins.
 Abstract: Ten and 15 percent fish protein concentrates in noodles are acceptable in diet of Orientals, especially children. Sufficient noodles are generally eaten to make a major contribution to protein supply in diet.
- 1850-73**
FOCUS GROUP INTERVIEW - REVEALS LIKES AND DISLIKES FOR SALAD DRESSINGS, CONTAINERS.
 Roy E Morse
 Food Prod Dev 5(81): 38-46, Dec/Jan 1972.
 HD9000.1.F64
 Food packaging, Food preferences, Interviews, Salad dressings.
 Abstract: The author recently conducted a "focus group" interview of seven consumers on behalf of the Mayonnaise and Salad Dressing Institute. This report is intended to show how focus group interviews can uncover consumer attitudes and needs when used by a skilled interviewer.
- 1851-73**
FOOD APPLICATIONS FOR MEMBRANE ULTRAFILTRATION.
 H C Porter, A S Michaels
 Food Prod Dev 5(11): 64-67, Feb/Mar 1971.
 HD9000.1.F64
 Biochemistry, Chemistry, Food processing, Nutrients.
 Abstract: This article describes how aqueous food products whose nutritive values exist as macromolecular or colloidal substances can be inexpensively dewatered and/or demineralized by low pressure membrane ultrafiltration. Ultrafiltration is the separation of relatively high molecular weight solutes such as proteins, polymers, and colloidal dispersed substances. In food processing, ultrafiltration allows more economical processing with no deterioration in quality.
- 1852-73**
FOOD FOR A MODERN WORLD (VIDEOCASSETTE); PRODUCED BY THE DAIRY COUNCIL OF CALIF. DISTRIBUTED BY PERENNIAL EDUCATION, INC. AND THE NATIONAL DAIRY COUNCIL.
 Dairy Council of California
 Los Angeles, Mexler Film Productions 1 videocassette, ed, col, 21 min, 3/4". 1968.
 TX353.F6 FEN AV
 Agriculture, Food supply, Population growth, Secondary education.
 For use in videocassette player. Includes teacher's guide.
 Abstract: Prepared for senior high school students and for adults, this film traces developments in the U.S. food technology and agriculture over the past fifty years. And it celebrates our ability to produce and preserve food with situations in other parts of the world. As the film fosters appreciation for our own country's agricultural achievements, it also makes clear the imperative need to extend modern farming techniques to peoples everywhere.
- 1853-73**
FOOD FORTIFICATION: SOME VISIBLE AND INVISIBLE COST CONSIDERATIONS.
 John Gage
 Food Prod Dev 5(8): 20-21, Dec/Jan 1972.
 HD9000.1.F64
 Cost effectiveness, Food cost analysis, Food processing, Fortification agents.
 Abstract: Food manufacturers evaluate and fortify foods for various reasons: nutritional need, consumer interest, or cost reduction. This article examines the cost effectiveness of fortification in some typical cases.
- 1854-73**
THE FOOD PROCESSING FRONT OF THE SEVENTIES.
 Kermit Bird
 J Am Diet Assoc 58 (2): 103-108, Feb 1971.
 389.8 AM34
 Canning, Concentrates, Food processing, Food quality, Milk products, New products, Soybean products, Textured vegetable proteins.
 Abstract: Confronted with the technology of some industries, food processing has been slow to change. Tradition, the complicated nature of foods, and their inherent instability inhibit quick modifications. Now, however, forces outside the food system itself quicken the pace of the food industry to adapt innovations. These forces include economic pressure, concern over pollution and waste disposal, and the specter of worldwide famine. The three food processing methods touched on in this paper concern new and more efficient ways of utilizing or preserving food. Soy proteins, aseptic canning, and reverse osmosis, as well as many other new food innovations like these, will need considerable work. This will be in terms of determining the effects of these innovative processes on the health, well-being, cultural, and social aspects of our lives during the decade ahead.
- 1855-73**
FOODS OF THE FUTURE.
 Hervey Hearl
 Cornell Hotel And Restaurant Admin Quarterly 11 (2): 18-20, Aug 1970.
 TX901.C67
 Agricultural development, Food supply, Food technology, Prediction, Processed foods, Proteins, Synthetic foods.
 Abstract: What will we be eating in the year 2000? How will it be produced? Extrapolating from today's foods and methods of food production, the author paints a futuristic picture of man's control over the speed of crop growth, new sources of protein to feed the 8 billion inhabitants of the earth, genetic engineering of new food plants, the disappearance of meat and poultry products, and complete synthetic meals that are nutritionally balanced.
- 1856-73**
FORMULATING LOW CALORIE FOODS WITH CARBOHYDRATE GUMS.
 A J Finberg
 Food Technol 26 (3): 28-30, Mar 1972.
 389.8 F7398
 Caloric values, Carbohydrates, Dressings, Formulated foods and specialized products.
 Abstract: The selection and uses of carbohydrate gums in low calorie foods are described, and the formulation of pourable and spoonable dressings is discussed.

1697-73

1697-73

FORTIFIED FOODS: THE NEXT REVOLUTION.
Chem Eng News 48: 36-43. Aug 10, 1970.
361, J0254

Food programs, Food supply, Food technology, Fortification agents, Malnutrition, Soybean products.
Reprint.

Abstract: At present rates of food production and population growth, the average daily calorie supply per person will decline to 1350 calories by the year 2000. This is only slightly over half the minimum daily requirement. Three officials from the U.S. Dept. of Agriculture, the Agency for International Development and UNICEF describe the efforts being made by their organizations to develop and distribute high protein foods and thereby alleviate malnutrition.

1698-73

FORTIFYING SOFT DRINKS WITH CHEESE WHEY PROTEIN.

V M Heisler
Food Technol 27 (2): 59, 60, 64, 65. Feb 1973.
369, 6 F7398

Fortification agents, Milk products, Nutrient values, Protein concentrates, Soft drinks.

Abstract: Dried cottage cheese whey concentrate was added to carbonated soft drinks to try to improve their nutritive value without detectable changes in flavor or appearance. The results of solubility and stability studies indicate that soft drinks can be successfully fortified with cheese whey proteins.

1699-73

FRANKFURTERS WITHOUT NITRATES OR NITRITES.

Joseph H MacNeil, Morris G Mast
Food Prod Dev 7(12): 35-40. Mar 1973.
H09000.1.F64

Color in foods, Food processing, Frankfurters.
Extract: It would appear that acceptable flavor responses and shelf life were obtained with frankfurters without nitrates and nitrites when a spice extractive at 0.03 and 0.05 per cent was added. The only "major" disadvantage in not using nitrates or nitrites seems to be the lack of the characteristic pink color. While Greenberg (7) feels that flavor would be the major problem, our studies indicate that color is the major problem that would have to be overcome. This paper should not be interpreted as advocating the abolishment of nitrates and nitrites, rather an exploration of some alternatives to a food additive which is presently being questioned.

1600-73

FREEZING ACTIVATES TEMPERATURE DEVICE WHICH WARNS OF PRODUCT MISHANDLING.

Quick Frozen Foods 33 (7): 26-27, 108. Feb 1971.
369, 6 04

Food preservation, Food storage, Frozen foods, Indicators, Sealing.

Abstract: The "Irreversible Warm-up Indicator," or IWI, is a device that indicates if a frozen food has warmed up to too high a temperature and has stayed warm long enough to be harmful. The IWI consists of three wax balls containing eutectic salts mounted on yellow indicator paper. A low freezing temperature cracks the balls, releasing the salts on the paper. If the temperature rises above a pre-set limit, the salts melt onto the indicator paper and turn it red. IWIs can be set to trigger at a variety of temperatures, and are small enough to be attached to any frozen food package. They are non-toxic, and can be produced for a penny a piece.

1601-73

FROZEN FOODS PARTICIPATE IN ORGANIC FOODS BOOM.

Arnie Katz
Quick Frozen Foods 33 (10): 88-89. May 1971.
369, 6 04

Food preservation, Frozen foods, Merchandising, Organic foods.

Abstract: The organic foods market is largely untapped by frozen food processors. The article points out the growing demand for frozen organic foods. Organic food retailers find frozen foods give longer shelf life and greater product variety. Skilled goods and vegetables are popular frozen organic products.

1602-73

FROZEN, PRECOOKED RICE SHAPES SUITABLE FOR ALL MARKETS.

C C Huxsall, D V Iannick, C J Dunlap
Food Prod Dev 6(15): 91-94. Aug/Sept 1972.
H09000.1.F64

Food processing, Frozen foods, Marketing, New products, Palatability ratings, Prepared foods, Processed foods, Rice.

Abstract: This article describes a new product, called rice shapes—a crusted, precooked, prefried, frozen rice product resembling extruded potato products and intended for use as a snack or as part of a meal. The authors relate how the market was determined, how the product is actually formulated and processed, and how the finished product was evaluated in terms of objective and subjective criteria.

1603-73

FURTHER PROCESSED, PRECOOKED FROZEN MEATS GROWING AT BETTER THAN 20% ANNUALLY.

Sam Martin
Quick Frozen Foods 34 (3): 41-45. 96. Oct 1971.
369, 6 04

Convenience foods, Frozen foods, Main dishes, Marketing, Meat.

Merchandising, Processed foods, Processed foods.

Abstract: Products of the precooked variety (hamburgers, meatballs, main courses, roast beef, and corned beef) are making great progress in frozen foods sales volume. This aspect of the frozen food business is expected to grow an average of 26 percent overall in the next 5 years. A survey of the market indicates such.

1604-73

THE FUTURE OF THE FOOD INDUSTRY.

B J Buchanan
Food Technol 26 (4): 72, 74. Apr 1972.
369, 6 F7398

Agricultural development, Convenience foods, Cultural factors, Food industry, Food processing, Food supply, Food technology, Nutrition education, Prediction.

Abstract: Predictions for the future of the food industry include increased growth in convenience foods, increased food supply, improved nutrition and safety, and marked changes in food distribution.

1605-73

GENETIC IMPROVEMENT OF CROP FOODS.

Norman Berlaug
Nutr Today 7 (1): 20-21, 24-25. Jan/Feb 1972.
R4784.N6

Agricultural development, Agriculture, Diet improvement, Food industry, Food supply, Genetic engineering, Grain products, Plant sources of foods.

Abstract: Genetic engineering is making it possible for farmers, even in depressed areas, to produce more food of higher nutritional value to feed the world in the next three decades. The time bought may enable man to gain control of population growth. The author discusses the current status of genetic engineering of cereal grains and projections for future improvements. However, he points out two dangers confronting the world: (1) overpopulation to the point of exceeding food supply, thus making food itself a luxury available only to the affluent, and (2) "exponential environmentalists" who would "turn back the clock" on modern agriculture by advocating outdated farming methods that cannot hope to feed the world of the future.

1606-73

THE ECONOMICS OF FOOD PROCESSING.

W Smith Grela
Westport, Conn., AVI 373 p. 1971.
TP370.G7 F6N

Food economics and consumption, Food industry, Food processing, Food purchasing, Food technology, Marketing.

Extract: The economics of food processing is a vast and complex field. Food processing is still the largest business in the world. Certainly all of the details of the economic aspects of food processing could never be covered. The purpose of this book is to provide a general overview of some of the more important economic and business problem areas facing the food processing industry. Many of these problem areas are affected by or caused by changing social, political, and technological conditions. The subjects of international trade, international competition, and international regulation were not included. However, a substantial section was devoted to international competition. References to major or particularly relevant studies have been cited to establish authority and to assist the reader who may wish to obtain additional information about a particular subject.

1607-73

HIGH PROTEIN FOOD DEVELOPED FOR SCHOOL CHILDREN.

Food Technol 25 (9): 90. Sept 1971.
369, 6 F7398

Head Start, Protein foods, Protein malnutrition, School breakfast program.

Abstract: ITT Continental Baking Co. developed a food known in the laboratory as H-11, and now called Astrofood. The product can help to fight malnutrition. It is being received by children in schools, day care centers and Head Start programs. About 12 thousand children receive nutritional breakfasts each morning.

1608-73

IDENTIFYING AND CONTROLLING PRODUCT QUALITY ATTRIBUTES - USING PREFERENCE TASTE PANELS.

Clairence K Wiegman
Food Prod Dev 5(2): 15-22. Apr 1971.
H09000.1.F64

Food preferences, Food processing, Food quality, Palatability ratings, Taste panels.

Abstract: Product quality is defined as the composite product characteristics of engineering and manufacturing that determine the degree to which the product will meet the expectations of the customer in terms of palatability, color, texture, convenience, safety, aesthetics, and nutritional value, shelf life, packaging, and cost. This article describes how the food industry should make use of taste panels to determine what a significant majority of people prefer, so as to tailor food products accordingly.

1609-73

INDEPENDENT BAKERS PROVE SALES ADVANTAGE OF NUTRITIONAL ENRICHMENT.

Food Prod Dev 6(6): 66-70. Oct 1972.
H09000.1.F64

- Breads, Enrichment, Marketing.
Abstract: The National Bakers Cooperative successfully boosted sales by promoting the benefits of bread enriched to higher nutritional levels.
- 1070-73
INNOVATION VS NUTRITION AS THE CRITERION FOR FOOD PRODUCT DEVELOPMENT.
P. A. Lachance
Food Technol 25 (6): 51, 52, 53, Jun 1971.
389,8 F7395
Food fads, Food processing, Food technology, New products, Nutrient values, Research.
Abstract: Man has no inborn food instincts to protect him from malnutrition. Nutrition education has failed to improve the general state of nutrition and health.
- 1071-73
INTEGRAL HEATING SYSTEM RECONSTITUTES FROZEN MEALS IN 15 MINUTES.
T. S. Shevill, J. A. Mohlman
Food Technol 24 (9): 33, 36, 37, Sept 1972.
389,8 F7398
Cooking, Cooking equipment (large), Food preparation and distribution systems, Frozen foods, Ovens.
Abstract: Integral heating—a technology for the efficient introduction of electrical resistance heat into a low mass food container—has been developed. Market studies revealed a need for short-time, efficient heating of controlled-portion, pre-plated frozen meals. The integral heating system heats 8-12 oz meals from 0 degree F to 180 degrees F in 15 minutes. Results of an airline feeding study in which 3,000 passengers were fed while flying 1.5 hr segments and transcontinental segments indicate that the system can be used efficiently for institutional feeding with considerable cost savings.
- 1072-73
INTRODUCTION OF JUICE-RELATED PRODUCTS STRIKES SOME SOUR NOTES IN INDUSTRY.
Quick Frozen Foods 33 (9): 113-114, 125, Apr 1971.
389,8 Q4
Frozen foods, Fruit juices, Marketing, Oranges.
Abstract: A bumper orange crop in 1971 stimulated the introduction of new products derived from frozen concentrated orange juice: blends with other fruit juices, milk and fruit combinations, and a new freeze-dried concentrate. Growers are wary of attempts to pass off artificial substitutes as real citrus, and of advertising that emphasizes comparable nutritive value.
- 1073-73
KUBELKA-MUNK COLORANT LAYER CONCEPT.
F. M. Clydesdale, F. J. Francis
Food Prod Dev 5 (3): 82-88, May 1971.
H09000.1.F64
Analytical methods, Chemistry, Color in foods, Food analysis, Food technology.
Abstract: This article is devoted to an explanation of the Kubelka-Munk colorant layer concept, describing its use in defining and assuring the color of turbid or translucent food materials. The authors pursue the methodology emanating from the theory, discussing the methods of measurement and mathematical manipulations of data and noting especially the applications to food measurement.
- 1074-73
LIPASES AND FLAVOR DEVELOPMENT IN SOME ITALIAN CHEESE VARIETIES.
S. Neelakantan, K. A. Shahani, R. G. Arnold
Food Prod Dev 5 (7): 52-58, Nov 1971.
H09000.1.F64
Cheese, Enzymes, Food analysis, Food processing, Italy, Lipids, Predilections, Proteins.
Abstract: Italian cheese have characteristic flavors which vary from milk mozzarella to sharp Romano. Preparations of purified lipases, from calf, kid, and lamb sources have been made available, and such work has been done in standardizing these preparations. The author describes how to incorporate on a commercial basis the lipases in appropriate amounts and so predict the flavor quality of the end product using commercial cheese-making procedures.
- 1075-73
A MANUFACTURER LOOKS AT FOOD SAFETY.
James P. McFarland
Food Prod Dev 6 (3): 25-28, Dec/Jan 1973.
H09000.1.F64
Food additives, Food adulterants, Food standards and legislation, Food technology, Safety.
Abstract: The author talks about how technology has reduced greatly the risks of eating unsafe food. He elaborates on three basic rules concerning food additives that should be observed by all manufacturers. (1) No chemical additive should be used for human consumption that is not safe within the closest limits modern science can devise. (2) No chemical should be used that is not necessary. (3) Since people must be fed, manufacturers should go ahead producing food with the knowledge available if known benefits sufficiently outweigh known risks.
- 1076-73
FOOD POLLUTION: THE VIOLATION OF OUR INNER ECOLOGY.
Gene Merline, Judith Van Allen
New York, Holt, Rinehart and Winston 385 p. 1972.
TX533.M37 F6N
Additives and adulterants, Cancer, Food additives, Food and Drug Administration, Food fads, Food standards and legislation, Food technology, Food-related disorders, Pesticide residues.
Abstract: The authors challenge the assumption that Americans are well and safely fed by resorting to numerous questionable practices followed by the food industry and their possible effects on our health. Examples cited include the addition of additives (three pounds per American per year) that may cause genetic mutations or cancer; the use of coloring agents that are suspected of causing cancer; the use of pesticides, herbicides, and fungicides that have a dangerous degree of biopersistent persistence, and the use of artificial sweeteners and other ingredients of doubtful efficacy and defenses.
- 1077-73
THE MEASUREMENT OF MEAT COLOR.
F. M. Clydesdale, F. J. Francis
Food Prod Dev 5 (5): 87-97, Aug/Sept 1971.
H09000.1.F64
Analytical methods, Animal sources of food, Color in foods, Food analysis, Food quality, Measurement, Meat.
Abstract: The authors explain the method of measuring meat color and assesses the usefulness of each. Measurement of meat color generally follows visual changes in coloration which the meat undergoes, or calibrates the chemical state of myoglobin and its derivatives by means of colorimetric techniques.
- 1078-73
MEAT PATTIES CHOSEN FIRST PRODUCT TO GAIN NUTRITIONAL, TEXTURAL ADVANTAGES OF NEW PROTEIN FIBER.
Food Prod Dev 6 (3): 18, May 1972.
H09000.1.F64
Fortified foods, Hamburgers, Meat, New products, Processed foods, Proteins, Textured vegetable proteins.
Abstract: This article is in praise of a company called Larr-y's Food Products whose prepared meat patties were selected as the subject medium for testing Ralston Purina's new food protein fiber. The people at Larry's are pleased with the influence of the new fiber, and they are convinced it will make their meat products even better than before.
- 1079-73
MEETING FUTURE NEEDS.
N. S. Srinivasan
J. Can. Diet. Assoc. 32 (3): 117-128, ref. Sept 1971.
389,9 C1632
Amino acids, Food technology, Feeds, Grain products, Legumes, Malnutrition, Oilseeds, Population growth, Proteins.
Abstract: Discusses the protein problem, particularly in developing countries, the effect of the Green Revolution, and the solving of the problem through plant breeding, developing higher yield legumes and oilseeds, use of oilseed meals for human consumption, synthetic amino acids, seafood, and protein from single-cell organisms.
- 1080-73
THE METRIC QUESTION - EXPECT NEW PACKAGES, TRADE SHIFTS.
James V. Peters
Food Prod Dev 7 (2): 48, Mar 1973.
H09000.1.F64
Food packaging, Marketing, Measurement, Metric system.
Abstract: This article analyzes the effects the adoption of the metric system could have on American food packaging and marketing practices.
- 1081-73
MICROFRAGRANCE: A SUBTLE SCENT TO BUILD PRODUCT APPEAL.
Betty Vivian Johnson
Food Prod Dev 6 (3): 58-59, May 1972.
H09000.1.F64
Consumer economics, Marketing, Merchandising, Odor.
Abstract: One relatively new tool being exploited by marketing specialists is the use of aroma. A "scratch and sniff" strip containing the odor of the fully prepared product is made available to the consumer at the point of purchase. When scratched, this strip emits what is known as a "microfragrance," which suggests how that product will smell while being cooked in the kitchen.
- 1082-73
MICROWAVE ADAPTER PERMITS FROZEN FOODS IN FOIL CONTAINERS TO HEAT IN MINUTES.
Sue Martin
Quick Frozen Foods 34 (10): 44-45, 100, Mar 1972.
389,8 Q4
Convenience foods, Cooking equipment (large), Cooking methods, Cost effectiveness, Frozen foods, Microwave cooking, Packaging, Processed foods.
Abstract: Dinners, entrees, meat pies, and other foods in foil containers can be reconstituted quickly by the use of a microwave kiln with built-in elements absorbing the energy from the microwaves and radiating it back as heat to the food. This equipment can fry, bake, broil, or barbecue. With greater use of this kiln, metal containers become essential to heating food, which is good for the manufacturers of metal containers.

1003-73

1003-73
MICROWAVE VS. CONVENTIONAL COOKING OF VEGETABLES AT HIGH ALTITUDE.

Ferne Bowman

J Am Diet Assoc 58 (5): 427-433, May 1971.

389,8 AM34

Cooking methods, Environmental factors, Microwave cooking, Palatability ratings, Vegetables.

Abstract: The effect of microwaves, sautéing, or pressure sautéing cooking at an altitude of 5,000 feet on sensory appraisals of color, flavor, tenderness, or texture of 13 fresh or 9 frozen vegetables and of weight on time required to cook vegetables by microwaves was investigated. The effect of cooking method on acceptability of vegetables was not consistent within or among the vegetables studied. Each method was satisfactory, but no single method was consistently best for cooking vegetables at this altitude. The time required to cook three unit-loads of four fresh or frozen vegetables in the microwave range increased linearly but was not directly proportional to unit of weight.

1004-73

MONOSODIUM GLUTAMATE: THE MYTH AND THE MATTER.

Food Serv 32 (7): 37, 46, Jul 1970.

389,2538 F732

Flavor intensifiers, Food additives, Seasonings.

Abstract: This article presents the basic facts about monosodium glutamate - what it is, how it works, and how and when to use it in cooking.

1005-73

FOOD FOR TOMORROW: RESOURCES, ENVIRONMENT, DISTRIBUTION; PROCEEDINGS, SEVENTEENTH ANNUAL MEETING AND MINUTES OF THE BUSINESS SESSION, OCTOBER 14-15, 1968.

National Research Council, Agricultural Research Institute Washington, D.C. 198 p. 1968.

522,434 FC4

Agricultural development, Agriculture, Conferences, Consumer economics, Environmental factors, Food economics and consumption, Food supply, Management, Proceedings.

Abstract: The proceedings include several papers each on "Managing the Rural Environment to Optimize Resources", "Agricultural Systems for Serving the Consumer", and "Agricultural Leadership". The second group of papers emphasizes the industry's role in satisfying consumer demands and in the related evolutionary modifications in purchasing, processing, distributing, and retailing agricultural products. The third group of papers "reveal a growing realization that the agricultural organizational structure of yesterday must yield to the new social and scientific environments if the food needs of our people are to be met in the years just ahead."

1006-73

EVALUATING THE SAFETY OF FOOD CHEMICALS.

National Research Council, Food Protection Committee Washington, D.C. 55 p. 1970.

TX541.N3 FS4

Cancer, Evaluation, Food additives, Food chemistry, Research methodology, Safety, Toxicants.

Abstract: The Food Protection Committee, The Joint FAO/WHO Expert Committee on Food Additives, and the U.S. Food and Drug Administration (FDA) have published complementary statements of the principles underlying evaluation of the safety of food chemicals and have set forth proposed procedures for accomplishing the evaluation. The purpose of this report is to review the purposes and value of what have become conventional procedures and to evaluate in light of that review the contribution or potential contribution that more recently adopted and proposed procedures might make to ensuring the safety of the food supply.

1007-73

ARTIFICIAL AND SYNTHETIC FOODS. (RUS)

A Nemeyshov

U.S., Dept. of Commerce, Joint Publications Research Service Arlington, Va. 13 p. 1970.

TP370.N4 FS4

Amino acids, Food technology, Proteins, Synthetic foods, Yeast.

From Nauka i Zhizn', Moscow, No. 6, 1970, pp.29-32.

Abstract: This paper discusses some of the problems involved in the synthesis of protein rich foods. The emphasis is on the use of yeast. The productivity of micro-organisms is many times the productivity of animals and fowls. A ton of yeast can yield 1,000 tons of descendants, containing up to 400 tons of albumin (protein). The methods for converting yeast albumin to human food are being explored: fermentative hydrolysis, and chemical destruction of the cell membrane with total separation of the albumin. Once the raw albumin has been obtained, the synthesis of appropriately cross-linked taste and texture must also be accomplished in order to provide palatable foods.

1008-73

NEW FOOD PRODUCTS AND FOOD PREPARATION TECHNIQUES.

Mory Coleman

In Proceedings of the Northeast Regional Seminar for School Food Service Supervisors, Penn. State Univ., 1971 p 25-36, July 12/24, 1971.

L03479.USP4 FC4

Food preparation, Synthetic foods.

Abstract: This paper covers new food products and food preparation techniques. Included are discussions of synthetic foods,

enrichment and fortification of feeds, feed additives, and meat cookery.

1009-73

THE NEW FOODS AND THE MARKETS THAT NEED THEM.

Food Serv 34 (4): 20-28, 70-77, Apr 1972.

389,2538 F732

Marketing, New products, Soybean products, Synthetic foods, Textured vegetable proteins.

Abstract: Extruded soy protein products are available in dehydrated form, either flavored or unflavored and with or without coloring; rehydrated, they resemble certain meats. Spun soy protein products come dehydrated, frozen, or canned; although they are more expensive than extruded products, they can be used as purchased. Dehydrated soy protein concentrate products are designed for use primarily in combination with ground beef; they are usually without flavor and aroma, can be colored to resemble meat particles, and result in a product similar to that prepared from extruded or spun soy protein products and ground meat. The use of these soy protein feeds can result in greater yields because they tend to absorb natural meat juices. The cost of extruded and concentrated soy products range from about 25 to 45 cents per pound. Hydration results in a cost of about 7.5 to 18 cents per pound meat replacement. Spun soy products range from 40 to 80 cents per pound. Storage advantages and nutritional content are other pluses. Uses for these products are discussed in relation to school feed service, hospitals, and college and university feed service.

1090-73

NEW FOODS FOR A NEW DECADE.

M V Klicke

Sch Lunch J p. 12-18, May 1970.

389,8 SCH6

Convenience foods, Dehydrated foods, Food packaging, Food preservation, Freeze-dried foods, Irradiated foods.

Abstract: Food and packaging innovations developed by the military are germane to school food service. Dehydrated, freeze-dried, compressed freeze-dried, frozen, precooked frozen, irradiated foods, in lightweight, corrosion-resistant, flexible packaging contribute to ease and low cost of transportation.

1091-73

NEW PROCESS FOR SOURDOUGH BREAD IMPROVES UNIFORMITY AND REDUCES PROCESS TIME.

D R Shenkenberg, F G Bernes

Food Prod Dev 6(1): 29-32, Feb/Mar 1972.

HD9000.1.F64

Baking, Batters and doughs, Breads, Food processing.

Abstract: This article describes a new method of making sourdough bread in quantity. Traditional methods of manufacture require 20 to 22 hours from start to finished product, because the process is dependent on microorganisms in the sponge to grow and produce lactic and acetic acids. Sponge transfers and lengthy proof times are necessary to obtain proper acid development. In the new method, frozen starter cultures for sourdough eliminate the need for sponge transfers, and the use of more yeast, less salt, and higher dough temperatures reduce the process time to three hours.

1092-73

NEW PRODUCTS FROM SMALLER COMPANIES.

J Larry Held

Food Prod Dev 5 (5): 47-49, Aug/Sept 1971.

HD9000.1.F64

Food industry, Food processing, Food technology, New products, Synthetic foods.

Abstract: The author discusses the task of new product marketers; that of motivating consumers to make initial and repeat purchases in sufficient volume and at a price which will cover development, production, and marketing costs while returning a fair profit. The small companies have special problems and advantages in the field of new product development. The author explains how small companies can minimize problems and make the most of their advantages.

1093-73

NEW TO THE CONVENIENCE ROSTER: CANNED CRUSHEO TOMATO.

Food Serv 34 (4): 48-49, Aug 1972.

389,2538 F732

Canned foods, Convenience foods, Flower, fruit vegetables, Merchandising, Tomatoes.

Abstract: Crushed tomato in preprocessed form permits easier handling and eliminates a great deal of waste. The nutritional analysis of these tomatoes is given.

1094-73

A NEWLY DEVELOPED SYSTEM FOR MEASURING HEADSPACE OXYGEN IN GAS-FLUSHED FLEXIBLE PACKAGES.

Vina Selehler

Food Prod Dev 4(8): 58-62, Dec/Jan 1971.

HD9000.1.F64

Food packaging, Food preservation, Preservatives.

Abstract: Application of gas-flushed, flexible packaging is increasing because the process successfully extends the shelf life of oxygen-sensitive foods. Carbon dioxide or nitrogen is most often used to purge the gas-flushed package. This article describes a rapid, accurate system of measuring the amount of oxygen in the headspace of flexible packages. Oxygen measurement is based on its magnetic susceptibility, a property unique

to this gas. Other gasses in gas-flushed packaging are slightly diamagnetic, and are repelled from a magnetic field. This allows for precise determinations of oxygen concentrations in the presence of other gasses.

1495-73

NITRATES AND NITRATES IN FOOD.

S. Govindarajan

Food Prod Dev 5(5): 33-34, Oct 1972.

HD9000.L.F64

Cancer. Food additives. Nitrogen compounds. Toxicity. Abstract: Since the Food and Drug Administration began the massive task of reviewing the safety of substances added to food, there has been a growing speculation regarding the status of nitrates and nitrites as a food additive. The speculation brewed from the recent discovery that nitrosamines, a family of compounds that contain many known carcinogens (cancer producing agents), can be formed by the interaction of nitrates and secondary or tertiary amines. Thus, there may be a possible health hazard in foods containing added nitrates or nitrites. In this review, food applications, toxicology, and present status of nitrates and nitrites are discussed in the light of this controversy.

1496-73

NON-DAIRY CHEESE - A UNIQUE REALITY.

M. A. Vernon

Food Prod Dev 6(5): 22-26, Aug/Sept 1972.

HD9000.L.F64

Cheese. Food processing. Food substitutions. New products. Processed foods. Synthetic foods. Abstract: Development of a non-dairy cheese food necessitates finding a suitable fat source other than butter and a protein source other than milk. One company has developed a cheese food using the sodium and calcium salts of casein as a source for protein, and hydrogenated vegetable oils as a source for fat. Artificial flavors, minerals, vitamins, and amino acids were added for flavor and nutrition. The article goes on to detail the new cheese food's nutritional components, and to describe the flavor control, keeping qualities, and other characteristics.

1497-73

NOTEBOOK ON SOY: USDA ANSWERS QUESTIONS ABOUT NEW FOODS.

Sch Foodserv J 25 (7): 61-62, Jul/Aug 1972.

389.6 SC46

Convenience foods. New foods. Proteins. Simulated foods. Synthetic foods. Abstract: Answers to questions about various kinds of new foods, about proteins, and why soybeans are important.

1498-73

NOTEBOOK ON SOY: AGRICULTURAL RESEARCH MEANS NEW FOODS.

Sch Foodserv J 25 (7): 69-70, Jul/Aug 1972.

389.6 SC46

Agricultural development. New foods. Proteins. Abstract: Introduces some new foods with which the Agricultural Research Service is working.

1499-73

NOTEBOOK ON SOY: WHY "ENGINEERED" FOODS AT SCHOOL.

Sch Foodserv J 25 (7): 53-54, 56, Jul/Aug 1972.

389.6 SC46

Agricultural development. Biscuits. Child nutrition programs. Cup-can. Enrichment agents. Fortification agents. New foods. Soybean products. Textured vegetable proteins. Abstract: Since the USDA Food and Nutrition Service was established, four new food concepts have been approved for use in child nutrition programs. These are: 1. Textured vegetable protein products; 2. Fortified baked products; 3. Protein-fortified macaroni; 4. Cup-can.

1500-73

NOVEL PROCESS CONTROLS QUALITY VARIABLES FOR FRENCH FRIED POTATOES - EXTENDS SHELF LIFE OF POTATO CHIPS.

S. W. Aronson

Food Prod Dev 6(3): 42-46, May 1972.

HD9000.L.F64

Food preservation. Food processing. Food processing. Frying. Deep fat. Potatoes. Processed foods. Abstract: This article describes a new process for adding to the nutritive value of French fries and potato chips and at the same time prolonging their shelf life. By coating the products with a mixture of flour, casein, soy protein, vitamins, salt, and anti-oxidants, they remain dry to the touch after cooking but are still tender and crisp. The author presents tables showing the data to back up the improvements claimed for this new bread-type coating.

1501-73

NUTRIFICATION: A NEW NUTRITIONAL CONCEPT FOR NEW TYPES OF FOODS.

P. A. Lechance

Food Technol 24 (6): 100, June 1970.

389.6 F7393

Enrichment. Food technology. Fortification agents. Synthetic foods. Abstract: The term "nutrification"--meaning "to make nutritionally complete"--is proposed to designate the addition of a proportion of all necessary vitamins and minerals to a fabricated food. It is also proposed that "nutrification" be based on the protein and calorie content of the fabricated food

because the role and efficiency of vitamins and minerals is linked to the metabolism of protein and calories.

1502-73

NUTRITION NOTES: WHERE ARE WE GOING WITH SCHOOL FEEDING?

Food Prod Dev 5 (5): 79, Aug/Sept 1971.

HD9000.L.F64

Cup-can. Food programs. Food service. Fortified foods. Nutrition. School food service. School lunch programs. Abstract: This article gives information about a class of products called "engineered foods"--foods that have been taken apart and put back together to meet specific nutritional needs. The Food and Nutrition Service of the USDA is interested in utilizing engineered foods in the School Lunch Program. The article emphasizes areas of development in which food companies might become involved.

1503-73

NUTRITION UPGRADED: FINAL TEXTURE CONTROLLED USING NEW STRUCTURED PROTEIN FIBER.

Richard D. McCormick

Food Prod Dev 6(3): 23-26, May 1972.

HD9000.L.F64

Fortified foods. New products. Processed foods. Proteins. Textured vegetable proteins. Abstract: This article is in praise of a new protein filament (Edi-ProTM 200) developed by the Ralston Purina Company. Finished products to which the fiber has been added show very much like tender cuts of meat, poultry, or fish, depending on the amount of protein added and the subsequent processing. The author goes into detail about the many and varied applications of this fiber.

1504-73

NUTRITIONAL IODINE IN PROCESSED FOODS.

E. J. Kuhajek, M. W. Fiedelman

Food Technol 27 (1): 52-53, Jan 1973.

389.6 F7398

Iodine. Nutrient content determination. Nutrient values. Processed foods. Abstract: Iodization of processed foods may be one solution to possible iodine deficiencies in the U.S. diet. This study indicates that iodization of processed foods is feasible, salt is an acceptable carrier, and potassium iodide is a suitable iodine source.

1505-73

NUTRITIVE VALUE OF CANNED MEALS.

E. W. Hollendaern

J Am Diet Assoc 58 (5): 434-441, May 1971.

389.6 AM34

Canned foods. Food preservation. Military food service. Nutrient content determination. Abstract: The effect of heat sterilization and prolonged storage on the nutritive value of six canned meals of meat, vegetables, pulses, and potatoes was examined. The examination included determinations before and after sterilization and after storage for one and a half, three, and five years of the food, of vitamin content, amino acid pattern, and protein utilization in rats. Considerable losses occurred in the vitamin A, thiamine, niacin, and pantothenic acid, but during sterilization and storage, whereas vitamin E, riboflavin, pyridoxine, vitamin B12, folic acid, choline chloride, and inositol were relatively stable. The protein quality of most products decreased slightly during sterilization and showed a steady further decline during storage. The protein of the ration containing white beans improved with sterilization.

1506-73

OPTIMUM NET FILL OF CONTAINERS.

H. N. Caudon

Food Technol 24 (1): 61, 62, 64, Oct 1970.

389.6 F7398

Consumer economics. Food packaging. Food standards and legislation. Marketing. Abstract: Underfill of containers is in legal violation, while overfill represents unwanted product loss. For any given set of conditions, there is a point where the two meet. This point is identified as the optimum fill. This paper identifies the factors which must be considered to accomplish optimum fill. It provides a table to assist in the "producer's risk" decision, which is the one essential parameter: it shows how the optimum fill is pinpointed and it illustrates how statistical control may be applied to reduce the overfill without increasing the risk of underfill.

1507-73

PALATABILITY OF A SPECIALTY MEAT ITEM PREPARED BY INTERRUPTED COOKING.

Ruth E. Baldwin, Bernice Christy, Bernice M. Kerschgen

Food Prod Dev 5 (4): 666, Jun/Jul 1971.

HD9000.L.F64

Convenience foods. Cooking methods. Meat. Palatability ratings. Abstract: This research was a part of an extensive investigation of the influence of interrupted cooking procedures on the palatability of meat. It was the purpose of this study to evaluate the palatability of Beef Wellington prepared by a method including interruption by freezer storage. This product was prepared with rib eye roasts covered with seasoned comminuted meat (forcemeat) and sealed in an outer layer of pastry.

1988-73

Mean scores indicated that samples of Beef Wellington were well liked by the panel throughout the study.

1988-73

PALATABILITY OF MEAT AFTER LOW TEMPERATURE ROASTING AND FROZEN STORAGE.

Bernice Kerechegor, Ruth E Baldwin
Food Prod Dev 8(2): 39-42, Apr 1972.

HD9000.1.F64

Food packaging, Frozen foods, Test, Palatability ratings, Roasting.

Abstract: This study suggests that, in general, low temperatures (182 to 85 degrees C) are suitable for pre-roasting pork, lamb, and U.S. utility and U.S. good grades of beef subjected to frozen storage (-19 to -22 degrees C) for as long as one year. When using low temperature cookery for preparing pork and beef it is preferable to slice the pre-roasted meat and to use the drippings for gravy to serve as a protective coating during frozen storage. Seal-in-pouch type packaging is preferable to aluminum foil trays, although in this study, type of packaging was not as essential to maintenance of palatability of lamb as it was to pork and beef.

1989-73

PAPAYA PUREE: A TROPICAL FLAVOR INGREDIENT.

John E Brakke, Harvey T Chan, Catherine G Covalente
Food Prod Dev 8(5): 36-37, Oct 1972.

HD9000.1.F64

Flavorings, Food processing, Frozen foods, Papaya.

Abstract: Only a small amount of papaya is processed because retaining the delicate flavor has been difficult. This article describes the processing of a frozen papaya puree that is suitable for manufacture into beverages, jams and jellies, dairy products, and other foods.

1910-73

PERMEABILITY AND FOOD PACKAGING.

Stanley Seashore

Food Prod Dev 5 (4): 51-52, Jan/Jul 1971.

HD9000.1.F64

Analytical methods, Food packaging, Food preservation.

Abstract: Moisture and gas permeation are important factors in projecting expected shelf-life values for food packages. This article outlines methods for determining the permeability of various packaging films.

1911-73

PLANNING: THAT'S HOW TO DEVELOP A NEW PACKAGE FOR A NEW PRODUCT.

Arnold D Seem

Food Prod Dev 5(5): 50-54, Oct 1972.

HD9000.1.F64

Food packaging, Marketing, Planning.

Abstract: This article tells how a food manufacturer should go about designing a package that will sell.

1912-73

POLLUTION, PEOPLE, POWER AND PROFIT - FORCES AT WORK TO CHANGE PACKAGING.

Lorne Ostrow

Food Prod Dev 5 (5): 59-66, Aug/Sept 1971.

HD9000.1.F64

Cost effectiveness, Ecology, Food industry, Food packaging, Food processing, Food technology, Pollution.

Abstract: Popular and governmental concern with packaging focuses on its environmental (ecological) effects. The size, shape, material, and the very existence of some types of packaging are being questioned. The author describes the forces at work that will alter the production of each type of packaging material used, change the ways in which materials are used, and eventually perhaps decrease overall packaging consumption.

1913-73

POSITIONING A PRODUCT FOR THE SPECIAL MARKET.

Richard D McCornick

Food Prod Dev 7(1): 20-22, Feb 1973.

HD9000.1.F64

Candy, Flavorings, Marketing, Merchandising, Miscellaneous foods, New products, Processed foods, Tobacco.

Abstract: This article describes the creation, formulation, and marketing of a new product, called "Tobacco Candy." This candy is designed for people who want to cut down on or quit smoking but haven't the will power. The taste of the candy is like that of a cigarette, and the candy wrapper is in the form of a cigarette pack.

1914-73

POSSIBLE DEVELOPMENTS IN THE SUPPLY AND UTILIZATION OF FOOD IN THE NEXT FIFTY YEARS.

J R Vickery

Food Technol 25 (6): 56, 57, 58, 59, 60, Jun 1971.

389.6 F7398

Consumer economics, Food consumption, Food industry, Food supply, Food technology, Prediction.

Abstract: Within the next 50 years, population pressures will cause changes in our production and use of food. Agricultural practices will have to be changed. More land will have to be used for production of food for human rather than animal consumption, and tropical, semi-arid, and arid lands will have to be better utilized. Improved pastures and new breeds of livestock for arid and semi-arid lands will have to be developed. Meat production will continue, as will use of milk products.

better use of fish will have to be made. Utilization of other sources of protein, such as other marine life, single cell protein, and green leaves, will be slow. The economy of under-developed countries must be improved so that the people of these countries can afford better nutrition.

1915-73

PRECOOKED TURKEY FLAVOR AND CERTAIN CHEMICAL CHANGES CAUSED BY REFRIGERATION AND REHEATING.

J S Clarr, J A Bowers

Food Technol 24 (8): 85, 86, 87, Aug 1970.

389.6 F7398

Convenience foods, Food preservation, Palatability ratings, Poultry, Taste panels.

Abstract: Flavor and aroma of freshly braised turkey breast muscle were rated superior to braised-reheated muscle by trained panellists. Rancid, stale, ammoniac, acid, and sulfur aroma, and skatole, acid, bitter and salty flavor constituents were more intense in reheated than in freshly braised meat. Intensities of mostly-brothy flavor and aroma were greater in freshly cooked than reheated meat. Storage and reheating had no significant effect on TBA number, ninhydrin positive compounds, or percentage ether extract. Rancidity and staling increased as intensities of ammonia, bitter, sulfur, and acid flavor and aroma components increased. Sulfur flavor and aroma were related positively to concentration of ninhydrin positive compounds.

1916-73

PRECOCKING AND REHEATING OF TURKEY.

Jenica E Clarr, Jane A Bowers, Anns S Hooper

J Am Diet Assoc 38 (1): 38-40, Jan 1971.

389.6 AH34

Cooking methods, Food yleas, Microwave cooking, Palatability ratings, Turkey.

Abstract: Generally, meat cooked in microwave ovens has been found to be less acceptable than that cooked in conventional gas or electric ovens. The purpose of this investigation was to evaluate the eating quality and measure certain physical characteristics of turkey muscle precooked and reheated in microwave and gas ovens. It was found that total cooking and reheating times were significantly less for meat cooked in a microwave oven than for that cooked in a conventional gas oven. However, total cooking losses were significantly greater after microwave cooking and reheating. More intense turkey flavor and less stale flavor resulted from meat cooked by microwaves than by gas. There were no significant differences between methods for pH, color, juiciness, or tenderness. Results of this study indicated that the principal advantages of microwave precooking and reheating of turkey were shorter cooking time and decreased stale flavor of meat.

1917-73

PREPARATION AND GROWTH PRODUCING EVALUATION OF A CONCENTRATED COPRECIPITATE OF SOY-CHEESE WHEY PROTEIN.

M Leewinstein, V K Paulraj

Food Prod Dev 5(8): 56-60, Dec/Jan 1972.

HD9000.1.F64

Food processing, Milk products, Protein concentrates, Soybean products, Synthetic foods.

Abstract: Whey disposal is receiving increased attention, as it has for a considerable time. This research was initiated to determine if it was possible to develop a procedure for recovering a soy-cheese whey protein coprecipitate (S-WP) in a small cheese making plant with the equipment normally available or which might be purchased at low cost. The results indicated the nutritional superiority of the concentrated coprecipitate when used to supplement corn grits as the diet for test animals. The causes of this superiority could not be clearly determined.

1918-73

PROCESSES AND POTENTIAL MARKETS FOR INSTANT BEAN POWDERS.

Elizabeth D White

Food Prod Dev 6(4): 82-85, Jun/Jul 1972.

HD9000.1.F64

Convenience foods, Food processing, Marketing, Pod vegetables.

Abstract: This article describes the processing and marketing of an instant pint bean powder developed by a California laboratory.

1919-73

PROCESSING CONTRACTS MEAN MORE BREAD.

Food Nutr 1 (4): 10-11, Dec 1971.

TX341.F615

Breads, Commercial food service, Donated foods, Food preparation, School food service.

Abstract: Plan in which flour and shortening donated by USDA were processed in commercial bakeries for use in schools in lunch programs.

1920-73

PROCESSING FROZEN BREADS.

Food Prod Dev 5 (3): 48, May 1971.

HD9000.1.F64

Batters and doughs, Breads, Food preservation, Food processing, Food technology, Frozen foods.

Abstract: There are some differences in the production of frozen, unbaked, yeast-leavened doughs as compared with fresh baked breads. In a speech before the American Society of Bakery Engineers, Richard Javes described some of these differences which have mainly to do with the selection and incorporation

ion of ingredients into the formulation.

1921-73

PROPOSED NUTRITIONAL GUIDELINES FOR FORMULATED MEALS--FOODS OF THE FUTURE.

J M McIntire
Food Technol 26 (41): 34, 36, 39, 32, Apr 1972.
389.6 F7395

Calculated nutrient content, Convenience foods, Diets for special conditions, Food processing, Food technology, Formulated foods and specialized products, Recommended Dietary Allowances.

Abstract: The author discusses the development of meals specifically formulated to replace conventionally prepared meals. Current guidelines include consideration of caloric content. The author proposes guidelines based on RDA's.

1922-73

PROTEIN CONCENTRATES AND CELLULOSE AS ADDITIVES IN MEAT LOAVES.

Doris S Nollman, Jan E Pratt
J Am Diet Assoc 51 (6): 654-651, Dec 1972.
389.6 A434

Additives and adulterants, Food analysis, Meat, Protein concentrates, Textured vegetable proteins.

Abstract: Meat loaves were prepared with 10 gm. per pound textures vegetable protein (TVP), fish protein concentrate (FPC), or microcrystalline cellulose (MCC) substitution for ground meat. None of the additives affected juiciness as judged by a trained taste panel. Loaves containing FPC were less well accepted with respect to flavor and texture and those with MCC for texture. FPC, TVP, and MCC did not affect moisture, fat, or protein content of the loaves, or the ash content of the MCC and TVP loaves. All of those containing FPC were higher in ash.

1923-73

PROTEIN FROM MICROORGANISMS.

Roger Dabbin
Food Technol 24 (6): 35-36, 38, 40, June 1970.
389.6 F7395

Bacteria, Food supply, Food technology, Malnutrition, Microorganisms, Proteins.

Abstract: A review of studies on yeasts, fungi, bacteria, and algae as potential protein sources to establish alternative solutions to the problems of protein deficiency and dwindling food supply in an ever increasing population.

1924-73

PROTEIN PRODUCTS: ANALOGS OF FAVORITE FOOD FORMS.

Food Serv 32 (10): 38-40, Oct 1970.
389.2535 F732

Food substitutions, Meat, Recipes, Textured vegetable proteins.

Abstract: This review of the development of vegetable protein products includes information on the nutritive value of beef, chicken, and ham analogs and applications for meat and poultry analogs in favorite food forms. Recipes are available from Food Service Magazine for: ham analog (two varieties), chicken à la King analog, beef chili analog, beef loaf-patty-balls analog, and chicken sandwich spread analog.

1925-73

QUALITY EVALUATION OF CANNED AND FREEZE-DRIED APPLESAUCE.

O K Salunkhe
Food Prod Dev 5 (5): 70-74, Aug/Sept 1971.
HD9000.LF64

Apples, Canned foods, Food processing, Food quality, Freeze-dried foods, Fruits, Measurement, Palatability ratings, Taste panels.

Abstract: Fruits and fruit products have been freeze-dried in order to provide a product offering improved stability without refrigeration, light weight, low volume, ease in handling, and favorable rehydration properties. This article describes a study made to evaluate the quality of freeze-dried applesauce. The results indicated that a high-quality, freeze-dried applesauce can be prepared, but the characteristic of the final product is dependent on the cultivar of the apples that are processed.

1926-73

RECENT DEVELOPMENTS IN THE VITAMIN TECHNOLOGY OF BREAD--HISTORY PERTINENT TODAY.

C M Frey, A S Schiltz, L Atkin
Food Technol 25 (6): 54, 56, 58, Jun 1972.
389.6 F7395

Breads, Enrichment, Food technology, Nutrient values, Vitamins.

Abstract: This historically significant paper was read at the first meeting of food technologists in June, 1939, but was never published. The paper discusses white bread made by a formula which gave the product nutritional qualities equal or superior to those of whole wheat bread. It was the forerunner of today's enriched white bread.

1927-73

RECONSTITUTING PREPLATED FROZEN MEALS WITH INTEGRAL MEAT.

J A Friss, D M Graham
Food Technol 26 (11): 76-82, Nov 1972.
389.6 F7395

Convenience foods, Cooking methods, Frozen foods, Nutrient content determination, Palatability ratings.

Abstract: Results of comparative tests--organoleptic, nutritive retention, weight and moisture loss--conducted on food cooked with integral and convection heat are given.

1928-73

A REVOLUTION IN MEAT ROASTING.

Food Serv 32 (6): 13, 16, 56 Jun 1970.
389.2535 F732

Cooking methods, Frozen foods, Meat, Roasting.

Abstract: Almost four tons of meat were roasted in an all-electric research facility under very practical conditions. In essence, it was found that: cooking from a frozen state is as economical as thawing the meat first. Though roasting from a frozen state required between 1.3 and 1.45 times as long to cook as from a chilled state, the added cooking cost differential is dissipated by freed refrigeration space and possibly reduced spoilage factors. Cooking without thawing did not yield a drier roast, as had been feared.

1929-73

ROSELLE - A NATURAL RED COLORANT FOR FOODS?

M B Esselen, G M Sanny
Food Prod Dev 7 (1): 80-82, Feb 1973.
HD9000.LF64

Analytical methods, Color in foods, Food additives, Food analysis, Food processing.

Abstract: This article describes a natural red colorant for foods, called "Roselle." Roselle (also called "Jamaica sorrel") is an annual plant of tropical origin related to okra, cotton, and ornamental hibiscus. The author notes: "In view of the present interest in finding alternate and natural sources of red colorants for foods and considering the ease with which roselle can apparently be grown in the Caribbean and other subtropical and tropical areas, it would appear to have potential as a source of natural red color for food products."

1930-73

SALMON.

F J Francis, F M Clydeedale
Food Prod Dev 5 (7): 33-38, Nov 1971.
HD9000.LF64

Analytical methods, Canned foods, Color in foods, Fish, Food analysis, Food technology.

Abstract: Research on colorimetry of salmon has been concerned mainly with the color of the canned product. The consumer apparently prefers the redder product. The authors describe methods of color grading canned salmon and of predicting the color of processed salmon from the color of the raw fish. Equipment used in salmon color measurement includes a salmon colorimeter (the development of which is described), as well as a machine for automatically sorting cans of salmon by color. The biochemistry of salmon pigment is also discussed.

1931-73

SENSORY EVALUATION OF BREADED, DEEP-FRIED TURNIP SLICES.

P J Reddy
Food Prod Dev 4 (6): 38-40, Dec/Jan 1971.
HD9000.LF64

Food preference measures, Frying, deep fat, Palatability ratings, Taste panels.

Abstract: The objective of this study was to prepare a breaded, deep-fried turnip slice that, according to the results of a taste panel test, would appeal to contemporary American appetites. The research showed that such a turnip slice can be deep fried to yield a product of acceptable taste and texture.

1932-73

SHAPED RICE PRODUCTS OFFER PROMISE AS NEW "FINGER FOOD".

Food Technol 27 (5): 106, May 1973.
389.6 F7395

Food processing, Rice, Snacks.

Abstract: A recently patented rice "finger food" can be made in a variety of shapes and flavors. The inventor feels that his product "could have the most dramatic impact in the fast food industry, which has been dominated by the potato industry."

1933-73

THE SHARE OF FOODSERVICE TO COME: A FABLE OF THE FUTURE WITH A NOTE ON THE PRESENT.

Institut/Vol Feeding 70 (9): 83-95, May 1, 1972.
TX820.I5

Automated food service, Cooking methods, Food service industry, Food technology, New products, Prediction.

Abstract: In story form, the author describes the food service industry of the future, noting advances in automated equipment, food service systems, product development and design, food service facility design, cooking and serving methods, plus many more.

1934-73

SHOULD WE OR SHOULDN'T WE FORTIFY FOODS?

Sch Foodserv J 27 (1): 28-29, Jan 1973.
389.6 SCH6

Fortification agents, Fortified foods, School lunch programs.

Abstract: Pros and cons of food fortification, a series of quotations from two speakers on the subject.

1935-73

SOME APPLICATIONS OF ENZYMES OF MICROBIAL ORIGIN TO FOODS AND BEVERAGES.

G J Heas

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PAGE 193

1936-73

Food Prod Dev 5 (61): 120-124. Oct 1971.
H09000.1.F64

Enzymes; Food analysis; Food processing; Microbiology.
Abstract: Microbial enzymes have important applications in food processing and in food analysis. This article reports on enzyme properties; hydrolytic and non-hydrolytic applications; microbial sources of enzymes; new methods of enzyme application; and the use of enzymes in food analysis.

1936-73

SOME THINGS YOU MIGHT NOT KNOW ABOUT THE FOODS SERVED TO CHILDREN.

W B Murphy

Nutr Today 7 (5): 34-35. Sept/Oct 1972.

RA784.N8

Nutrient values; Proteins; School food service; Soybean products; Textured vegetable proteins.

Abstract: The author enters a plea for rigorous, long-term testing of new and strange foods, especially man-made ones, for nutritional integrity and psychological acceptance before being accepted for school food programs. He points out that the textured vegetable protein products are still inferior to meat, fish, eggs, and poultry in nutrient quality.

1937-73

SOPHISTICATED TECHNOLOGY FOR THE SCHOOL MARKET.

E B Weiss

Instit/vol Feeding 71 (12): 12-16. Dec 15, 1972.

TX820.15

Cost effectiveness; Food preparation and distribution systems; Food technology; Institutional feeding; Marketing; School food service.

Abstract: In this editorial, the writer says, "From here on out, all segments of eating away from home, the era of remarkably sophisticated technology so brilliantly developed by the fast-food chains and the airlines, will now be applied to the school market, the hospital market, and the other more backward segments of institutional feeding."

1938-73

SOY-WHEY-MILK OFFERS ECONOMIC SUBSTITUTE FOR FROZEN WHOLE MILK CONCENTRATE.

Virginia Ross

Quick Frozen Foods 34 (9): 100. Apr 1972.

389.8 J4

Concentrates; Frozen foods; Milk products; Soybean products.

Abstract: A research team at the University of Illinois has developed a flavorless soy-whey-milk that can be processed as a frozen concentrate. The bad-taste barrier which has plagued users of substitute products made from soy was skirted by using whole soy beans, instead of what remains after soybean oil has been extracted, and by boiling the unprocessed beans--as suggested in any Chinese cook book. This method, they found, neutralized the enzyme that caused bad flavor. The soy-whey-milk is said to taste like a milk shake or egg nog, when flavoring is added. It is cheaper than milk and a good milk substitute, though it is not more nutritious than milk. It makes excellent frozen desserts similar to soft-serve ice cream.

1939-73

SOYBEAN MILK - A LOW-METHIONINE SUBSTITUTE FOR COW'S MILK FOR CHILDREN AND ADULTS.

Vivian E Shih

J Am Diet Assoc 57 (6): 520-522. Dec 1970.

389.8 M34

Food substitutions; Metabolic disorders; Milk; Recipes; Soybean products; Therapeutic and special diets.

Abstract: In this article, a recipe is given for preparing soybean milk. Soybean milk could be useful as a low-methionine substitute for cow's milk in the dietary therapy of metabolic disorders such as homocystinuria and cystinosis.

1940-73

STABILITY OF GRAVIES TO FREEZING.

Ruth E Baldwin

J Am Diet Assoc 50 (3): 218-222. Mar 1972.

389.8 M34

Analytical methods; Food analysis; Frozen foods; Palatability ratings; Sauces; Storage.

Abstract: Sensory evaluations and measurements of viscosity and amount of filtrate after centrifugation were made on gravies thickened with cross-bonded waxy maize and modified waxy maize starches and new and old waxy rice flour to determine their suitability for preparation of gravies for frozen products. Over all storage periods, means for all palatability characteristics except mouth-feel were significantly higher for gravies prepared with cross-bonded waxy maize and modified waxy maize starches than for those thickened with waxy rice flour. Also, gravy thickened with new waxy rice flour was significantly more desirable in texture, mouth-feel, and flavor over all storage periods than that containing old waxy rice flour which had been stored at room temperature for five years.

1941-73

SUB-SYSTEMS 3 & 4: A SIMPLIFIED SYSTEMS APPROACH TO FABRICATION & PRE-PREPARATION.

Evelyn Evans

Food Serv 35 (2): 14-18. 70. Feb 1973.

389.2538 F732

Convenience foods; Cost effectiveness; Equipment; Food processing.

sing; Prepared foods; Processed foods; Purchasing.

Abstract: This article describes the food fabrication and preparation phases of food service work--scheduling, layout of equipment, etc. Advice is given on how to select equipment for pre-preparation and fabrication that will fit particular food service operations. The stress is on the systems approach--making each component work as part of an over-all, efficient food service scheme.

1942-73

SUBSTITUTE AND SYNTHETIC FOODS WITH EMPHASIS ON SOY PROTEIN.

Allen J Baker, William W Gellimore

Marketing And Transport Sit MTS-184: 12-14. Feb 1972.

1.941 M8M34

Food economics and consumption; Soybean products; Synthetic foods.

Abstract: Dairy, citrus, and other food products have faced stiff competition from an array of substitute and synthetic products in the past five years. New products, made primarily from soy protein, are expected to compete with meat to a limited extent in the 1970's. The most successful products will probably be those that serve as extenders for meat in processed items. These extenders could possibly replace from 10 to 20 percent of the meat in processed items by 1980.

1943-73

SUGAR, ACID, AND FLAVOR IN FRESH FRUITS.

J P Sweeney, V J Chapman, P A Hepler

J Am Diet Assoc 57 (5): 432-435. Nov 1970.

389.8 M34

Acids; Environmental factors; Fruits; Palatability ratings; Sugar.

Abstract: Soluble solids, sugars, titratable acids, pH, and organic acids were determined on edible portions of fresh peaches, strawberries, raspberries, and cantaloupes. Work was carried out over two successive crop years. Individual sugars and acids were determined. Wide ranges in compositional factors were obtained that could be attributed to variety and environmental factors. Panel scores for flavor were significantly correlated with pH values for peaches and raspberries, and with sugars and soluble solids for strawberries and cantaloupes. Soluble solids: titratable acid ratios were correlated with flavor for peaches and strawberries. The research demonstrates that results on composition of fresh fruit are more meaningful when varieties and environmental conditions are known.

1944-73

SYMPOSIUM: EFFECTS OF PROCESSING, STORAGE, AND HANDLING ON NUTRIENT RETENTION IN FOODS.

D B Lund

Food Technol 27 (1): 16-38. 51. Jan 1973.

389.8 F7398

Food preservation; Food processing; Nutrient retention; Nutrient values; Seminars.

Abstract: The symposium on effects of processing, storage, and handling on nutrient retention in foods at the 1972 IFT annual meeting presented speakers who discussed the effects of heat processing, effects of dehydration and storage, effects of food service handling, and effects of reheating convenience foods. This symposium summarizes these papers.

1945-73

SYSTEMATIC GENERATION OF IDEAS FOR NEW FOODS.

Edward M Tauber

Food Prod Dev 5(2): 58-62. Apr 1971.

H09000.1.F64

Food processing; Food technology; Research; Research methodology; Synthetic foods.

Abstract: The author presents his plan for a systematic "idea generator" that would aid individuals in coming up with more and better ideas for new food products. Basically, the author has taken existing food products and broken them down into descriptive terms having to do with ingredients, form (pancake, glaze, juice, etc.), technology used in manufacture (dehydrated, frozen, etc.), and consumer benefits (economy, convenience, shelf life, etc.). By combining these attributes, one can presumably create something.

1946-73

TEA AND COFFEE.

F M Clydesdale, F J Francis

Food Prod Dev 5(2): 67-78. Apr 1971.

H09000.1.F64

Beverages; Coffee; Color in foods; Food processing; Non-alcoholic beverages; Tea.

Abstract: There are many factors affecting the color of tea solutions: concentration and/or depth of solution, temperature, time, water hardness, pH solution, and haze. This article suggests methods of color measurement for tea, taking these variables into consideration. The color of tea has almost always been measured in solution, while with coffee, the emphasis has been on color measurement of the roasted ground bean. In coffee, flavor development parallels color development during roasting. The author describes various methods of color measurement for coffee, noting the effect of the roasting process on color and flavor.

1947-73

THE TECHNICAL MICROBIOLOGICAL PROBLEMS IN INTERMEDIATE MOISTURE PRODUCTS.

Mino F Insalata

PAGE 154

- Food Prod Dev 6(5): 72-76. Aug/Sept 1972.
HD9000.1.F64
Analytical methods; Bacterial; Food analysis; Food composition; Food preservation; Food processing; Microbiology; Water; Yeast.
Abstract: In considering food processing in relation to water activity, differences in water activity and its effects should be taken into account. This article shows how control of food composition through water activity will extend the shelf life of intermediate and low moisture foods by restricting microbiological growth. The author emphasizes that increased use of statistical evaluation of contamination and more rapid testing techniques are necessary to implement the technology.
- 1948-73
TECHNIQUES FOR MILK PROTEIN TESTING.
Manfred Kruger
Food Prod Dev 6(7): 68-77. Nov 1972.
HD9000.1.F64
Analytical methods; Milk; Nutrient content determination; Proteins.
Abstract: This article describes methods of testing milk for protein. The dye binding technique is emphasized.
- 1949-73
TESTING PACKAGING FILMS.
Stanley Sacharow
Food Prod Dev 6(4): 56-67. 86. Jun/Jul 1972.
HD9000.1.F64
Food packaging; Food preservation; Plastics; Testing.
Abstract: To predict the ultimate performance of a package in the marketplace, a full array of test procedures is needed. Many such tests have been borrowed from chemistry and physics; for example, strength tests, permeability tests, and friction versus slip tests. Other tests have been borrowed from industries which supply materials to the packaging industry. These tests serve both to identify the materials and to assure their properties. Still other tests have been developed by the packaging industry to evaluate the particular product in its own particular package. This article describes some tests used with various packaging films, including barrier spot tests, film identification tests, physical tests, product-package compatibility tests, and accelerated aging tests.
- 1950-73
TEXTURED PROTEINS CAN SOLVE THE NUTRITION-DOLLAR DILEMMA.
Modern Schools 23. 13-15. Jan 1973.
L33243.46
Food cost analysis; School food service; Textured vegetable proteins.
Abstract: Skokie, Illinois, School District 68 has reduced meat costs nine per cent by using textured vegetable protein. Nutritional levels and student participation have remained high. This article reports on Skokie's experience.
- 1951-73
TEXTURIZING PROCESS IMPROVES QUALITY OF BAKED FRENCH FRIED POTATOES.
M Neneka, M L Weaver
Food Technol 27 (3): 52, 53-55. Mar 1973.
359.4 F7393
Food processing; Frying; deep fat; Nutrient content determination; Palatability ratings; Potatoes.
Abstract: A surface-texturizing process involving the immersion of potato strips in difluorodichloromethane (R-12) leaching in water, par-frying, and freezing solid greatly improves the baking characteristics of a freezer, par-fried French fry. The process and the quality characteristics of the product are described in this article.
- 1952-73
TOMATO SOLIDS IN BAKED PRODUCTS.
M M Beon, Et Al
Food Prod Dev 5 (3): 65-77. May 1971.
HD9000.1.F64
Baking; Batters and doughs; Breads; Food processing; Tomatoes.
Abstract: This article examines the uses of dried tomato solids as a new ingredient for enhancing the consumer appeal of bread, biscuits, and even cakes and cookies. Dried tomato solids provides a new product with good color and few preservatives, easily incorporated into batters and doughs along with other dry ingredients. The authors describe the necessary formulation changes and show how these work in the making of bread and biscuits.
- 1953-73
TURKEY ROULADES PRESENT YEAR 'ROUND SERVING IDEA FOR SEASONAL FEELS.
Harry Lou Selth, Jane A Bowers, Teresa A Richards
Food Prod Dev 6(5): 44-45. Oct 1972.
HD9000.1.F64
Convenience foods; Food processing; Microbial contaminants; Turkey.
Abstract: In this study, roulades were formed from fillets of turkey breast and a mixture of ground deboned turkey meat and skin rolled inside the fillets. The resulting product was found to be acceptable according to taste panel evaluation and compositional and microbial measurements.
- 1954-73
HEARINGS, NINETY-SECOND CONGRESS, SECOND SESSION, ON NUTRITION AND HUMAN NEEDS; PART 4A - FOOD ADDITIVES.
U.S., Congress, Senate, Select Committee on Nutrition and Human Needs
Washington, D.C. 339 p. 1973.
KF26.S.N8 1972 Pt 4A
Additives and adulterants; Grain diseases; Demonstrations (Amiel); Food additives; Food standards and legislation; Food-related disorders; Monosodium glutamate; Nervous system disorders.
Abstract: This record of Senate committee hearings on food additives (Part 4A) contains the prepared and added statements of testifying witnesses and copies of all material submitted by witnesses to the committee on the specific subjects of monosodium glutamate, labeling of products, and insecticides.
- 1955-73
HEARINGS, NINETY-SECOND CONGRESS, SECOND SESSION, ON NUTRITION AND HUMAN NEEDS; PART 4C - FOOD ADDITIVES.
U.S., Congress, Senate, Select Committee on Nutrition and Human Needs
Washington, D.C. 184 p. 1973.
KF26.S.N8 1972 Pt 4C
Alcoholic beverages; Cancer; Color in foods; Consumer education; Food additives; Food and Drug Administration; Food colorings; Foodborne diseases; Preservatives.
Abstract: This record of Senate committee hearings on food additives (Part 4C) contains the prepared statements of testifying witnesses and copies of all material submitted by witnesses to the committee on the specific subjects of food coloring, chemical additives, known and suspected carcinogenic compounds, sodium nitrite, and monosodium glutamate.
- 1956-73
HEARINGS, NINETY-SECOND CONGRESS, SECOND SESSION, ON NUTRITION AND HUMAN NEEDS; PART 4B - FOOD ADDITIVES.
U.S., Congress, Senate, Select Committee on Nutrition and Human Needs
Washington, D.C. 347 p. 1973.
KF26.S.N8 1972 Pt 4B
Canned foods; Food additives; Food and Drug Administration; Food standards and legislation; Nutritional labeling; Pesticide residues.
Abstract: This record of Senate committee hearings on food additives (Part 4B) contains the prepared statements of testifying witnesses and copies of all material submitted by witnesses to the committee on the specific subjects of hexachlorophene, labeling of products, and herbicides.
- 1957-73
SYNTHETICS AND SUBSTITUTES FOR AGRICULTURAL PRODUCTS; PROJECTIONS FOR 1980.
U.S., Dept. of Agriculture, Economic Research Service, Marketing Economics Division
William M Gellimore
Washington, D.C. 64 p. 1972.
TP370.U5 F6N (U.S. Dept. of Agriculture, Economic Research Service. Marketing research report no. 947)
Food economics and consumption; Food technology; Plant protein concentrates; Soybean products; Sugar substitutes; Synthetic foods; Textured vegetable proteins; Vegetable oils.
Abstract: This report describes the present market penetration of substitutes and synthetics available for food and beverages and for apparel and furnishings. Synthetics and substitutes have captured about 21 percent of retail citrus beverage purchases; margarine has more than two-thirds of the table spread market; and other foods and beverages, including wheating cream and sweeteners have lost sales to new products. Nearly half of all breadwoven goods are made from synthetic fibers or a blend containing synthetic and natural fibers. At least two levels of market penetration by synthetics and substitutes are projected for 1980 for red meat and poultry, dairy products, leather, wool, cotton, sweeteners, and citrus products. Changes in land resources are shown for each projected level of market penetration. Agriculture is expected to maintain its position as a major supplier of our food and fiber needs in 1980. Synthetics are not expected to cause major adjustment problems for agriculture through the 70's.
- 1958-73
UNIQUE, CONCAVE PACKAGE CHOSEN FOR ETHNIC DINNER MIX MARKET.
Food Prod Dev 6(4): 14-16. Jun/Jul 1972.
HD9000.1.F64
Convenience foods; Food packaging; Merchandising.
Abstract: Del Monte's new line of "ethnic" dinner mixes is packaged in boxes having a unique concave panel that "helps accentuate the graphics by providing a 'cinemascope effect.'" This article reports on the marketing research that led to this design.
- 1959-73
CONTAINERS; FRUIT AND VEGETABLE FACTS AND POINTERS.
United Fresh Fruit and Vegetable Association
R A Seella
Washington, D.C. 4 p. 1970.
TP373.U5 F6N (United Fresh Fruit and Vegetable Association. Fruit and vegetable facts and pointers)
Commodities; Food packaging; Fruits; Specifications; Vegetables.
Extract: A wide variety of packages, often varying only slightly in dimensions are used to ship fresh fruits and vegetables.

1960-73

ies. Probably in the future there will be fewer and more standardized packages to meet the requirements of palletized and other unitized shipping. The following is a list of what are believed to be the main packages in which each of 99 commodities are shipped and their net weight so far as known.

1960-73

US ON THE HUNGER FRONT.

Sch Foodserv J 25 (41): 10-12. Sept 1972.

389.8 SCH6

Children; Food preparation; Hunger; Malnutrition; Wheat-soy-blend.

Abstract: Discussion of wheat-soy-blend, a product of wheat, soybean flour (defatted), and soybean oil, together with vitamins and minerals added. The product is used in many countries, including the United States, and by many charities. Ways in which it may be used are included.

1961-73

AN EVALUATION OF THE PROTEIN QUALITY OF A TEXTURED SOYBEAN PRODUCT.

Tina Ann Weisberg

U.S. 52 p. 1971.

TX558.S744 F6N

Demonstrations (Animal); Evaluation; Food analysis; Food quality; Nutrient values; Proteins; Research methodology; Soybean products; Textured vegetable proteins.

Thesis (M.A.) - Kent State University; facsimile by the University, Kent, Ohio.

Abstract: This masters thesis evaluates the protein quality of a textured soybean product. Standard basal pellets were fed to a control group of rats. Growth rate, protein efficiency ratio, and serum protein level of each group were compared.

1962-73

PRACTICAL FOOD MICROBIOLOGY AND TECHNOLOGY. 2d ed.

Harry H. Weiser, George J. Mountney, Wilbur A. Gould

Westport, Conn.: The AVI Publishing Co., 388 p. 1971.

QR115.W38 F6N

Analytical methods; Food additives; Food poisoning; Food preservation; Food spoilage; Food technology; Manuals; Microbial contaminants; Microbiology.

Abstract: This book emphasizes a few basic concepts that are related to some of the biochemical changes induced by micro-organisms from a practical viewpoint in processing certain foods. The composition of foods influences the kind and nature of biochemical changes caused by micro-organisms in food. Food spoilage is discussed from a food technologist's viewpoint, with emphasis on control measures. Food additives, including antibiotics, are stressed, the role of radiation in food technology is discussed. Food poisoning is also emphasized as well as sources and treatment of water supplies.

1963-73

WHAT ARE TEXTURED PROTEIN PRODUCTS?

N. R. Lockmiller

Food Technol 25 (51): 55, 58. May 1972.

389.8 F7398

New products; Processed foods; Proteins; School lunch programs; Soybean products; Textured vegetable proteins.

Abstract: This article discusses textured protein products, their use in the School Lunch Program, and their future.

1964-73

WHAT WILL WE BE EATING TOMORROW?

J. E. Edmonson

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 > 159-175. July 12/23, 1971.

L83479.U5X3 F6N

Synthetic foods.

Abstract: This paper discusses the foods of tomorrow and the development of new or modified foods. USDA criteria for approval of new or modified foods used in food programs are included. Foods discussed are synthetic whipped topping and synthetic coffee whiteners; whole, filled and imitation milks; meat analogues; and textured vegetable protein. Use of some of these foods in preparation of school lunches is included.

1965-73

WHY NOT STANDARDIZE INSTITUTIONAL PREPARED FROZEN FOOD PACKAGING?

G. E. Livingston, I. Mario

Food Technol 24 (9): 38, 41, 42, 44, 45. Sept 1972.

389.8 F7393

Food packaging; Food service; Frozen foods; Institutional feeding; Prepared foods.

Abstract: A survey of food service operators, food processors and packaging suppliers was undertaken to ascertain the container types and sizes currently in use for institutional pre-cooked frozen entrées and vegetables, and the need for and interest in the standardization of such containers. Standardization was favored by most respondents with prime interest centered in the disposable aluminum half size steam table pans, and interest in the part of food service operators only. In standardization of boilable pouches for individual entrées.

1966-73

ENZYMES IN FOOD PROCESSING AND PRODUCTS. 1972.

Monte, dieland

Park Ridge, N.J., Noyes Data Corporation 269 p. 1972.

TP368.F67 F6N (Food Processing review no. 23)

Baking; Cheese; Enzymes; Flavor intensifiers; Food processing; Food technology; Meat; Resource guides; Tenderizers.

Abstract: This book supplies detailed technical information on U. S. patents since 1960 relating to food processing with enzymes. The patent literature covers a substantial amount of information not available in the journal literature. Many of these patents are being utilized commercially. Whether used or not, they offer opportunities for technological transfer. A major purpose of this book is to describe the number of technical possibilities available, which may open up profitable areas of research and development. In the application of enzymes to food processing and products, the major emphasis has been in the areas of upgrading quality and by-product utilization, synthetic foods, higher rates and levels of extractions, improved flavor, stabilization of food quality and nutrition. This volume gives examples of these applications.

1967-73

WINE.

F. J. Francis, F. M. Clydesdale

Food Prod Dev 5(11): 34-42, 47. Feb/Mar 1971.

HD900D.L.F64

Alcoholic beverages; Biochemistry; Chemistry; Color in foods; Wine.

Abstract: One of the attractive features of wine is its color. This article describes the physical, chemical, and biological factors that give wines their various colorations. The authors discuss the effects of dilution on wine color, the stability of individual wine pigments, and the use of browning indices to approximate the color of a wine. Legal standards for wine color are also discussed.

1968-73

A COMPARATIVE STUDY OF THE ORGANOLEPTIC ACCEPTABILITY OF SIMULATED MEAT PRODUCTS PREPARED IN MICROWAVE AND CONVENTIONAL OVENS.

Betty C. Yee

N.S. 55 p. 1971.

TX832.Y3 F6N

Evaluation; Food preferences; Microwave cooking; Palatability ratings; Resistance to change; Soybean products; Synthetic foods; Textured vegetable proteins.

Thesis (M.S.) - Ohio University; facsimile by the University, Athens, Ohio.

Abstract: This study was undertaken to determine whether prior knowledge of the food products and the methods of preparing the samples affect the scoring of the organoleptic qualities of two simulated food products. It may be concluded that there is no significant difference in the organoleptic scoring of appearance, odor and texture of simulated food cooked in conventional and microwave ovens, and only a slight difference in the flavor score; appearance of the simulated ham prepared by the conventional method was preferred to that prepared in the microwave oven; statistical results show that prior knowledge of the food samples did not affect the taste panel members' scoring; posterior knowledge had slight effects; with the exception of appearance, the taste panel members were somewhat negatively influenced by the knowledge of the preparation method; the generally higher scores for the simulated products cooked by conventional methods indicate some preference for this method over the microwave method.

Programs - General

1969-73

'MEAT AND POTATOES' AND TACOS, TOO!

B. Montoya

Food Nutr 1 (4): 69. Dec 1971.

TX341.F615

Cookery; Mexican; Free lunches; Nutrition education; School food service; School lunch programs; Type A lunch.

Abstract: Successful introduction of school lunch program and free lunches in a Mexican-American community, serving both standard and Mexican meals of Type A lunches.

1970-73

ANSWER QUESTIONS FLORIDA COUNTY SYSTEMS.

Sch Foodserv J 26 791: 72. Oct 1972.

389.8 SCH6

Costs; Food service management; Program planning; School food service.

Abstract: Florida State Food and Nutrition Service proposed ANSWER (Advancement of Nutrition Service and Education Research) to improve school food service to needy children.

1971-73

THE ALASKAN WAY.

Sch Foodserv J 26 (1.e.25, 81): 64,66-67,69. Oct 1971.

389.8 SCH6

Cooks; School lunch programs; Training; Type A lunch.

PAGE 156

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- Abstract: Alaska's efforts to have Type A lunches in their school lunch program, and distribution problems in rural localities. Told in photographs.
- 1972-73**
AROUND THE NATION...A PROFESSIONAL'S ROUND ROBIN OF SCHOOL FOOD SERVICE.
 Cooking for Profit 41 (259): 21-25, 46. Jul 1972.
 TX901.25
 School food service supervisors, School lunch programs.
 Abstract: Miscellaneous, scattered information in a collection of press photo reports, from school food service directors and managers from Massachusetts to Hawaii, who talk about their pilot programs, innovative changes, special projects, and new facilities.
- 1973-73**
AS OTHERS SEE US.
 V McPeters
 Sch Foodserv J 25 (3): 59-61, 53-64. Mar 1972.
 389.8 SCH6
 Environmental factors, Inservice programs, Proteins, School lunch programs, Type A lunch.
 Abstract: Cooperation between universities and school food services personnel, working together, benefit both--from discovering that there is too much protein in the Type A lunch, to finding that less food is eaten in overcrowded lunchrooms than those with adequate space and time.
- 1974-73**
AT THE THRESHOLD OF ATTAINMENT.
 John V Perryman
 In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 9-23. July 12/24, 1970.
 LB3479.U5M3 F6N
 Child nutrition programs, Conferences, Developing nations, Food supply, Population growth, Speeches.
 Abstract: Mr. Perryman's task was to sketch "the vast panoramic treatment which inspires, enthuses, and paves the way for the detailed consideration of the subjects which come later," to accomplish this, he cast the discussion "against the frame of reference of that vast panorama of food as a basic ingredient of life on earth; and against the frame of the reference of the Second World Food Congress, at The Hague," rather than present a scholarly treatise, he related a number of experiences he had had recently, particularly his experiences at the Congress.
- 1975-73**
THE BALTIMORE SCHOOL LUNCH STORY.
 Eleanor G Weagly, Robert E Umphrey
 In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 267-275. July 12/24, 1970.
 LB3479.U5M3 F6N
 Baltimore, Box lunch, Satellite, School lunch, Vita-pak.
 Abstract: The Baltimore story of packaged school lunches.
- 1976-73**
BREAK FOR THE "LUNCH BUS".
 Food Nutr 1 (3): 12. Oct 1971.
 TX341.F615
 Cafeterias, Nutrient values, School lunch programs, Texas.
 Extract: In Westlake, Texas, school lunch workers have found a way to get children to school cafeterias where they eat nourishing noon meals, when the lunch bell rings, more than a thousand Westlake youngsters break for the bus, and are on their way to one of the two cafeterias in a school system with 5,500 students.
- 1977-73**
BREAKFAST DELIGHT.
 Cooking for Profit 41 (259): 26-27, 46. Jul 1972.
 TX901.25
 Child nutrition programs, Costs, School breakfast programs.
 Abstract: Description of Denver's school breakfast program, its costs, and a sample menu.
- 1978-73**
BREAKFAST PROGRAM IN SCHOOLS RECEIVES WIDE ACCEPTANCE.
 Modern Schools 30. 13-14. Jan 1972.
 LB3243.46
 Dietary standards, Guidelines, Menu planning, School breakfast programs, U.S. Dept. of Agriculture.
 Abstract: This article reports on USDA guidelines established to help school food service managers planning a breakfast program, whether or not kitchen facilities are available.
- 1979-73**
CARE STRIKES BACK AT WORLD'S MALNUTRITION.
 J Montague
 Sch Lunch J 24 (5): 44-46, 48-49, 51. Sept 1970.
 389.8 SCH6
 CARE, Fats and oils, Food fads, Food preparation and distribution systems, Food taboos, Malnutrition, Protein-calorie malnutrition, School food service, Vitamins.
 Abstract: CARE's world-wide feeding program delivers a free meal to more than 27 million children in 24 countries every day. Deaths of children from protein-calorie malnutrition is discussed. Fats and oils are lacking in diets, as well as meat. Local input is needed to make foods palatable to children, and food taboos must be recognized. In the richest countries, food fads are turning to old-fashioned, less refined foods as a status symbol.
- 1980-73**
CATHOLIC SCHOOLS: THE BEST AND THE WORST OF TIMES.
 E R D'Alessio, R B Shaw
 Sch Foodserv J 25 (10): 22, 24-25, 27-28. Nov/Dec 1971.
 389.8 SCH6
 Parochial schools, School food service.
 Abstract: Discussion of the situation in Catholic schools, based on statistics. About 40% of the students are in minority groups.
- 1981-73**
CELEBRITIES AIR FOOD HELP MESSAGE.
 Food Nutr 2 (1): 8-9. Feb 1972.
 TX341.F615
 Advertising, Food stamp programs, School lunch programs.
 Abstract: Several hundred radio stations run 30 to 60 second taped spots, made by celebrities, to bring food stamps and school lunch programs to people who need them and may not yet know they are eligible for them.
- 1982-73**
CHILD NUTRITION--A PROUD RECORD.
 R E Lyng
 Sch Foodserv J 26 (9): 21-22, 24. Oct 1972.
 389.8 SCH6
 Child nutrition programs, School food service.
 Abstract: Address to Second General Session, American School Food Service Association, Seattle, August 1, 1972, in which he discusses major challenges, reaching all schools without food service, protecting the anonymity of the child who receives a free or reduced-price lunch, and making school lunch attractive to students, particularly the high school students.
- 1983-73**
CHOICE MAKES THE DIFFERENCE.
 S Gibson
 Sch Foodserv J 27 (3): 65-66, 68. Mar 1973.
 389.8 SCH6
 School lunch programs, Student participation, Type A lunch.
 Abstract: A choice between two lunch lines is just one of the options available to secondary students in this school food service program. Participation picked up when students were given alternatives in a school district where learning how to make wise food choices begins in the first grade.
- 1984-73**
THEIR DAILY BREAD: A STUDY OF THE NATIONAL SCHOOL LUNCH PROGRAM.
 Committee on School Lunch Participation
 New York, N.Y. 135 p. In.d.g.
 LB3479.U6C65 F6N
 Administration policies, Disadvantaged youth, Donated foods, Financial support, Food preferences, Free lunches, National School Lunch Program, School breakfast, Student participation.
 Abstract: The National School Lunch Program was studied to determine its nutritional effectiveness and its social effect on poor children. The consensus reached was that the lunch program is inadequate. Each chapter gives case histories and details the reasons for the inadequacies. Recommendations are set out in the final chapter.
- 1985-73**
THE CONTRACTOR SUPPLYING A SCHOOL FOOD SERVICE PACKAGE.
 Howard W Briggs
 In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 189-209. July 12/24, 1970.
 LB3479.U5M3 F6N
 Contract feeding, Food delivery systems, Food preparation and distribution systems, School food service, Surplus commodities.
 Abstract: The speaker described the program in Detroit, how it got started, and how it has progressed to date. Detroit has food service in 190 of its 325 schools. Total district enrollment is 290 thousand. In the 190 schools which have food service, 70 thousand meals are provided per day. The composition consists of 14 base kitchens, which in turn serve 116 satellite schools. Bulk heated food is transported into 116 satellite schools. Forty-four self-contained kitchens are in operation and, since April 1st, 16 Astro-Pack schools.
- 1986-73**
CONVENIENCE FOOD SYSTEMS: SACRAMENTO DEVELOPS A SEMI-CONVENIENCE SYSTEM.
 L M Beckman
 Sch Foodserv J 26 (8): 76, 78-79, 81. Sept 1972.
 389.8 SCH6
 Canned foods, Convenience foods, Eggs, Frozen foods, School food service.
 Abstract: Sacramento's school system adopts a system that uses 325 convenience foods.
- 1987-73**
CURRENT DEMANDS ON THE SCHOOL FOOD SERVICE SYSTEM.
 Franklin Kent
 In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 68-78. July 12/24, 1970.
 LB3479.U5M3 F6N
 Cultural factors, Disadvantaged youth, Food preferences, Population trends, School food service, Urbanization.
 Abstract: The speaker approached what he felt was "a rather

BIBLIOGRAPHY

1986-73

amorphous subject" by getting involved in some perspective with regard to the problems, situations, and considerations in the Northeast region." He emphasized the problems of urbanization, of feeding needy children, and of planning suitable school lunches for children of diverse ethnic backgrounds.

1988-73

DIRECTING AND COMMUNICATIONS IN A CENTRAL SYSTEM.

Eleanor Howton

In Proceedings of the Southeastern Regional Seminar for School Food Service Admin., Univ. of Tenn., 1970 p 86-93. June 15/26, 1970.

LB3479.J574 FEN

Case studies, School food service.

Abstract: Pilot programs, studies and Committee work-reports in certain areas in School Food Programs are used to present outline of progress made in school food system in Jefferson County, Alabama, School System.

1989-73

DOES BREAKFAST HELP?

T M Keenoe

Sch Foodserv J 15 (1): 54-54. Jan 1972.

389.8 SCH6

Main nutrition, School breakfast programs, School children (6-11 years), School lunch programs.

Abstract: Study of Anchorage, Alaska, school children, comparing those who received school breakfast and lunches with those who received school lunches only.

1990-73

MEXICAN-AMERICAN FOOD ITEMS IN THE TUCSON, ARIZONA, SCHOOL LUNCH PROGRAM.

C M Donist

Tucson 50 p. 1971.

TX537.D62 FEN

Arizona, Food habits, Mexican-Americans, Nutrient content determination, Nutrient values, School lunch programs. Thesis (M.A.)--University of Arizona.

Abstract: This study documented the percentage of Mexican-American influence on the nutritional adequacy of the Mexican-American lunches served in four Tucson school districts. The menus compared well with school lunch menus analyzed in a national study in 1968. The author recommends the continuation of analysis and development and/or application of methods of fatty acid and amino acid determination in Mexican-American foods.

1991-73

ENEP EVALUATED.

Virginia Li Wang, Paul A Ephross

J Nutr Educ 2 (4): 148-152. Spring 1971.

TX341.J6

Dietary study methods, Evaluation, Extension education, Federal government, Field studies, Nutrition, Nutrition education, Nutritional status.

Abstract: The author evaluates the use of local field personnel in the Expanded Food and Nutrition Education Program initially sponsored by the U.S. Department of Agriculture and carried out by land-grant universities. The study finds that it is possible to recruit, train, and place in the field women whose backgrounds are not very different from these homemakers served by the program. The aides are able to establish relationships with homemakers who are considered "hard to reach." As a result, there has been a substantial upgrading of nutritional intake for the homemakers and their families.

1992-73

ACCEPTANCE OF THE SCHOOL LUNCH PROGRAM IN KANSAS.

Nina Edelblute

N.p. 93 p. 1960.

LB3475.E3 FEN

Administration policies, Kansas, Research methodology, School lunch programs, Student participation.

Thesis (Ph.D.)--University of Illinois. Authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.

Abstract: In an exploratory study designed to assess the acceptance of the school lunch program, the author visited a randomly selected sample of 58 schools in the state of Kansas. In each school, the principal or superintendent was interviewed to determine the various practices and administrative policies regarding the school and the lunch program. Also, in each school, pupils were given a check list designed to discover the degree of their participation in and attitudes toward the lunch program. Analysis of the data showed that the following factors appeared to be related to pupil participation in school lunch programs: location of school, transportation of pupils, lunch prices, pupils and teachers eating together, distance from home to school, and attitude of parents toward school lunch program. Factors that appeared to be related to pupils' attitudes toward school lunch program were: pupils and teachers eating together, attitudes of parents, friends, and pupil he admired most, and pupils' opinions about lunchroom.

1993-73

EFFECTS OF USDA COMMODITY DISTRIBUTION PROGRAM ON NUTRITIVE INTAKE.

Helen A Guthrie

J Am Diet Assoc 51 (3): 287-291. Sept 1972.

389.8 A734

Commodities, Dietary surveys, Food intake, Food programs, Nutrient values, Pennsylvania.

Abstract: From this analysis, it appears that the commodity distribution program in Bedford County, Pennsylvania, was ineffective in improving the overall nutritive intake of the participating families above that of eligible families who chose not to participate. However, families receiving commodities had fewer diets providing less than two-thirds of the recommended amounts of four or more nutrients and had more diets meeting this criterion for energy and vitamin A. The relatively low level of subsidy (thirteen food items) with a value of \$6.57 per person per month may account for the lack of effect of the program on overall nutritive intake. Other factors, such as the age of the homemaker, size of the household, food expenditures, and day of the week, did influence the intake of some individual nutrients but not the index of overall nutritive intake. Frequency of income and use of home-produced food influenced this index, as well as that of several nutrients. Education of the homemaker and income in relation to the poverty index bore no relationship of criteria for nutritive intake under conditions of the study.

1994-73

HIGH SCHOOL LUNCH PROGRAM - A MODEL FOR DECISION ANALYSIS.

Everett Edwin Estes

N.p. 139 p. 1968.

LB3475.E4 FEN

California, Cost effectiveness, Data analysis, Decision making, Planning, School lunch programs, Secondary education. Thesis (Ed.D.)--Colorado State College, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972.

Abstract: This doctoral thesis purports to compare alternatives among high school food service programs to permit choice of a program most suitable to a given high school. Program factors analyzed were costs, profits, labor participation, service, subsidies, local conditions, contract expense, entree variety.

1995-73

EVALUATION OF USDA FOOD PROGRAMS.

Stephen J Hiestra

J Am Diet Assoc 60 (3): 193-196. Mar 1972.

389.8 AM34

Evaluation, Food programs, Food standards and legislation, U. S. Dept. of Agriculture.

Extract: The U.S. Department of Agriculture has initiated several efforts at evaluating the various food assistance programs. Some of the results indicate that the programs have been successful. Others are leading us to redirect our efforts. Because of their significant size and growing importance, we feel that it is incumbent on us to make significant efforts at evaluation. We have been somewhat tardy in getting some of this work under way, but you will see increasing efforts in the years ahead, as both we and the research community in general rise to the challenge of determining the usefulness of the food programs.

1996-73

EVERYBODY HERE LOVES CHILDREN.

Food Mgt 8 (2): 38-41. 81. Feb 1973.

TX943.F6

Behavior change, Children, Disadvantaged youth, Food habits, Institutional feeding.

Abstract: This is the story of how a 104-year-old founding home feeds and cares for needy children. After studying children's likes and dislikes and experimenting with different foods, certain menus were arrived at which have achieved their goal of food exposure and acceptance. The author describes how these meals were developed, how they are prepared, and how they instill in children an enjoyment for eating.

1997-73

EXTENDED CHILD-FEEDING PROJECTS WILL MEAN MORE USE OF FF.

Quick Frozen Foods 34 (12): 13. Jul 1972.

389.8 Q4

Children, Food programs, Frozen foods, School food service.

Abstract: Quoting from speakers at a seminar on Elementary and Secondary School Lunch, this article predicts a big boom for frozen food manufacturers who will undoubtedly reap benefits from supplying food items to mass feeding programs.

1998-73

F.O.O.O AIDS NEEDY CHILDREN.

Sch Foodserv J 26 (9): 51. Oct 1972.

389.8 SCH6

Disadvantaged youth, Education, School food service.

Abstract: Objectives of F.O.O.O (Focus on Optimal Development) programs are explained. This program is one of eight funded by the U.S. Office of Education, but is the only one funded through a school food service program.

1999-73

FEDERAL AID, CURRENT STATUS.

R Lyng

Sch Foodserv J 26 (1.e.25, 4): 26-28. Oct 1971.

389.8 SCH6

Federal aid, School food service.

Abstract: Assistant Secretary of Agriculture's address before the Second General Session of the American School Food Service Association's 25th Anniversary Convention.

2000-73

FEEDING THE ELDERLY: THE BABY OF SCHOOL LUNCH.

M. L. Cronin, M. E. Jewell

Sch Foodserv J 25 (11): 25-31. 76-78, 80-82, 84-87. Sept 1971. 389.8 SCH6

Elderly (65 + years), Food programs, Fruits, Geriatric diets, Proteins, Type A lunch, Vegetables.

Abstract: Feeding the elderly is a recent innovation of the schools. It is well received, and provides better balanced meals than do the elderly for themselves. They tend to fill on carbohydrates, and neglect proteins, fruits, and vegetables. They receive the program enthusiastically.

2001-73

FEEDING AMERICA'S CHILDREN AT SCHOOLS: A REPORT ON SCHOOL FOOD SERVICE AND ON SCHOOL FOOD SERVICE AND NUTRITION EDUCATION PROGRAMS BASED ON SPECIAL STUDY NUMBER 8 OF THE NATIONAL EDUCATIONAL FINANCE PROJECT, 1971, AND OTHER RECENT STUDIES.

Florida, Dept. of Education

Tallahassee, Fla. 110 p. In.d.l.

LB3475.F55 F64

Financial support, Free lunches, History, Nutrition education, School food service, School lunch programs.

Abstract: This pamphlet is based on the final report of the School Food Service and Nutrition Education Project, SFSP for short, which was Special Study Number 8 of the National Educational Finance Project as well as other recent reports. The purpose of the study was to investigate the status, needs, and costs of the school feeding component of education and to develop projections for the future.

2002-73

FLORIDA'S EXPANDED NUTRITION PROGRAM.

Susan C. Coad

In Proceedings of the Nutrition Education Seminar,

Florida Agricultural and Mechanical Univ., 1971 p 72-81.

July 18/28, 1971.

LB3479.J5 F64

Florida, Nutrition education.

Abstract: This paper discusses the expanded nutrition program developed by the Florida Cooperative Extension Service. The heart of this program is the trained, indigenous Aide who reaches the hard-to-reach, low-income families with nutrition education. Objectives of this program and the recruiting, training, and supervising of Aides are included. The program has been in existence a little more than 2 years and evaluations to date are exceedingly favorable.

2003-73

FOCUSING ON FEEDING KIDS.

Food Nutr 1 (1): 3-6. June 1971.

TX341.F615

Engineered foods, Free breakfast, Free lunches, School breakfast programs, School lunch programs.

Abstract: USDA food programs, School Lunch Program, School Breakfast Program, Special Food Service Program are discussed. New on the scene in school lunch and breakfast programs are engineered foods. If children cannot afford to pay for lunch or breakfast, schools are required to give it free or at a lower price.

2004-73

FOOD FOR ALL SCHOOL CHILDREN: WHEN?

Amer School Board J 160 (1): 46. Jan 1973.

LB2831.A4

Free lunches, National School Lunch Program, School lunch programs, Surveys.

Abstract: Leaders of various agencies, groups, and organizations were asked what they thought of the proposed Universal School Lunch Program that will feed all school age children. Almost everyone favored it, and thought the Federal government should pay for most of it; one-third favored free lunches for children regardless of income; one-fifth favored free breakfasts too. Support was strongest in the urban Northeast and Midwest, and weakest in terms of restricting expansion and eligibility, in the South Central and Northwest regions.

2005-73

IF WE HAD HAM, WE COULD HAVE HAM AND EGGS - IF WE HAD EGGS: A STUDY OF THE NATIONAL SCHOOL BREAKFAST PROGRAM.

Food Research and Action Center

New York, N.Y. 145 p. 1972.

LB3475.5.B7F6 F64

Dietary standards, Financial support, Food habits, Food service management, History, Menu planning, Nutrition, School breakfast programs, Student participation.

Abstract: This booklet details the results of a study of the National School Breakfast Program made by FRAC. The study (1) evaluates the nutritional and educational consequences of the breakfast program; (2) quantifies the demand for an expanded program as expressed by school administrators, teachers, parents, and pupils; (3) catalogs the impediments that presently prevent local school administrators from starting breakfast programs; and (4) makes recommendations to expand and improve the program.

2006-73

FOOD TO FOLLOW THROUGH.

Food Nutr 1 (3): 8-14. Oct 1971.

TX341.F615

Head Start, Nutrient values, Pennsylvania, School lunch programs.

Abstract: Children participating in the Head Start Follow-Through Program are under special scrutiny to see what impact nourishing meals have on their physical, emotional and intellectual development. Over 5,400 youngsters are enrolled in the program in Philadelphia. The result is: children are healthier, more alert, and eager to learn.

2007-73

FORT WAYNE, INDIANA, COMMUNITY SCHOOLS...A SYSTEM FOR THE FUTURE.

H. Senstadt

Cooking for Profit 41 (259): 42-45. Jul 1972.

TX901.C6

Cycle menus, Food service, Kitchens, School food service, School lunch programs.

Abstract: With a new central kitchen, the hot-and-cold back system of preportioned foods has been adopted to premised-prepared lunches.

2008-73

FROM COLORADO: GET THE MOST OUT OF SUMMER FEEDING.

Sch Foodserv J 26 (9): 66-67. Oct 1972.

389.6 SCH6

Child nutrition programs, School food service, School lunch programs, Summer programs.

Abstract: Colorado conducted 23 summer feeding programs throughout the school systems. Reaching about 4000 children, programs ran the gamut from recreational programs in the inner-city to school programs in small farming communities that serve primarily children whose parents work in the migrant labor force.

2009-73

HOW THE DISTRICT FEEDS ITS KIDS.

Food Nutr 1 (3): 4-7. Oct 1971.

TX341.F615

District of Columbia, Free lunches, Nutrition education, School lunch programs, Type A lunch.

Abstract: In 1968 the District of Columbia was serving lunch to about 31,350 youngsters; today it is serving 72,000 children. Of these, 45,000 receive free lunches. The replacement of bag lunches was accomplished by satelliteing--that is, using one or two large cafeterias to serve all schools in the area. The District later modified the satellite program to include a chill-heet-and-serve service and serves a balanced Type A lunch. There is a hope that the District will have nutrition education as a regular subject in the curriculum.

2010-73

HOW TO START A BREAKFAST PROGRAM.

Food Mgt 8 (2): 80. Feb 1973.

TX943.F6

Breakfast, School breakfast programs, School community relations, School food service, Student participation.

Abstract: This article describes the development and functioning of a breakfast program in operation in the Patchogue-Medford School District, Long Island, New York. A task force of school personnel and parents was set up to oversee implementation of the program. Some children pay for the breakfast, but most are served free of charge. A chart showing student participation during a typical week is included.

2011-73

SELECTION OF POLICIES FOR THE LOCAL LUNCH PROGRAM IN THE PUBLIC SCHOOLS.

Hughie Hughes

N.Y. 273 p. 1960.

LB3475.H8 F64

Administration policies, Cost effectiveness, Integrated curriculum, Research, School lunch programs, State government, Student participation.

Thesis (Ph.D.) - University of Nebraska, authorized facsimile by University Microfilms, Inc., Ann Arbor, Michigan, 1972. Abstract: This doctoral thesis purports to identify policies for the operation of a school lunch program under the National School Lunch Act that contribute to the physical, mental, social, and emotional development of the child. The result was a list of thirty-two policy statements for application to the school lunch program.

2012-73

1. NUTRITION PROGRAMS OF ICNE MEMBER AGENCIES.

Margaret R. Stewart

Nutr Program News 8 p. May/Jun 1972.

1.982 A2N955

Directories, Federal government, Food programs, Nutrition programs.

Abstract: The nutrition programs and activities of member agencies of the Interagency Committee on Nutrition Education are listed in this summary report.

2013-73

THE IMPACT OF SCHOOL FOOD SERVICE, ITS VALUE TO EDUCATION AND ITS FUTURE.

Paul Briggs

In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 221-229. July 12/23, 1971.

LB3479.U5K3 F64

Cafeterias, Education, Kitchens, Preprocessed foods, School food service, School lunch programs, Storage.

Abstract: This paper discusses the impact of school food service and its value to education. Specific topics include the

PAGE 159

2014-73

esthetic value of foods, the decor and atmosphere of lunchrooms, a breakfast program, the lack of guidelines for development of universal lunch programs and especially for the designing of kitchens, transportation, storage and cooking of prepared meals, and the challenge to start serving the children of urban America. He stresses the importance of finding ways to use the school cafeteria for student activities that relate in a friendly way to other student activities.

2014-73

IN BEHALF OF BREAKFAST.

Sch Foodserv J 25 (1): 31,33-34. Jan 1972.

389.6 SCH6

School breakfast programs.

Abstract: Extracts from letters received by Fairfax County school system following tests of a school breakfast program. The consensus is that school breakfasts are needed, perhaps more than school lunches.

2015-73

JEMEZ PUEBLO DISCOVERS THE CUP-CAN.

M E Jewell

Sch Foodserv J 25 (10): 44-46,48,51-54,56. Nov/Dec 1972.

389.6 SCH6

American Indians, Child nutrition programs, Cup-can, Low income groups, Parochial schools, School breakfast programs, School lunch programs.

Abstract: Child nutrition program developed among the poverty-stricken people of the Jemez Indian Reservation, under the direction of the San Diego Mission School. The parents helped develop a detailed program into a three week cycle and step by step system for each day.

2016-73

KINDERGARTNERS MAKE FRIENDS WITH SCHOOL LUNCH.

Sch Foodserv J 27 (3): 50-52. Mar 1973.

389.6 SCH6

Kindergarten, Parent participation, School lunch programs.

Abstract: Lunch at school is part of becoming a first grader in this school district. Acquainting kindergartners with school lunch before they enter first grade is the purpose of this orientation program designed for parents as well as children.

2017-73

FACTORS AFFECTING STUDENT PARTICIPATION IN SELECTED MILWAUKEE, WISCONSIN CATHOLIC HIGH SCHOOL LUNCH PROGRAMS.

Mary Roseann Koskie

M.P. 118 p. 1970.

LB3475.5.P3K6 FEN

Food preferences, Parochial schools, Research methodology, School lunch programs, Secondary education, Student participation, Surveys, Vending machines, Wisconsin.

Thesis (M.S.) - Michigan State University, facsimile by the University, East Lansing, Michigan.

Abstract: This masters thesis investigates factors which, in the opinion of high school students, influence their participation in and attitudes toward existing school lunch programs. Factors were assumed to be economic, social, selective, personal, time elements, and physical circumstances. Guidelines for development or modification of high school lunch programs are suggested from the results of the study.

2018-73

L.A. KIDS GET HOT MEALS THIS SUMMER: THEIR GRANDPARENTS GET SOMETHING, TOO.

Instit/vol Feeding 72 (5): 55-56. Mar 1, 1973.

TX820.15

Children, Elderly (65 + years), Free lunches, Los Angeles, School food service, School lunch programs, Summer programs, U.S. Dept. of Agriculture.

Abstract: This article describes the origin and development of a USDA-sponsored summer lunch program for children in Los Angeles County, and mentions proposed plans for a program to feed the elderly.

2019-73

THE LUNCH BUNCH STUDY.

L Emmons, & Hayes, D L Call

Sch Foodserv J 25 (4): 25-26,28-29. Sept 1972.

389.6 SCH6

Disadvantaged youth, Free lunches, Hunger, Malnutrition, School breakfast programs, School lunch programs.

Abstract: Reaching needy children is the objective of free school lunches. But, according to a Cornell research study, there are many more "hungry" children, in terms of numbers, among those not eligible for free school lunches.

2020-73

MAJORITY OF ADMINISTRATORS UNPERTURBED BY SCHOOL LUNCH CRITICISMS.

Sch Lunch J 24 (6): 27-28. June 1970.

389.6 SCH6

Administrative personnel, School lunch programs.

Abstract: Reprint, with permission, from Nation's Schools, April, 1970. Copyright, 1970, McGraw-Hill, Chicago. All rights reserved. A majority of school administrators disagree with recent critics of the school lunch program, but proved unwilling to comment about what is happening on a national scale.

2021-73

MARKETPROBE: NEW BUSINESS IN SCHOOL LUNCH.

Fast Food 71 (2): 74-76. Feb 1972.

389.2538 F42

Costs, Food preferences, Food service industry, Food service workers, Menu planning, School food service, School lunch programs, Surplus commodities, Type A lunch.

Abstract: Experiences of the food service industry in school lunch programs.

2022-73

MARKETPROBE: RECREATION.

Fast Food 71 (3): 98-99,170. Mar 1972.

389.2538 F42

Commercial food service, Recreational areas, Recreational programs.

Abstract: Increased interest in recreation has expanded the need for food services. Special foods following theme of the particular recreational area increase sales.

2023-73

THE MASSACHUSETTS SCHOOL LUNCH NUTRITIONAL STUDY.

Dorothy L Callahan

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 220-222. July 12/24, 1970. LB3479.U5M3 FEN

Massachusetts, School food service, Student participation, Surveys.

Extract: Of what value is the Type A lunch? Do the children going home for lunch, or bringing their lunch to school, eat just as well? Is a student competent and wise enough to select a nutritious meal when confronted with a choice of a la carte items? Why don't all children who can, buy and eat the Type A lunch? To try to answer these questions, 40,000 Massachusetts public school children participated in a 24-hour dietary survey. It was a systematic sampling of every 10th school from the public school listing. It consisted of boys and girls, from grades one through 12, attending schools with and without cafeteria facilities. Thirty percent of the students came from schools with high ready enrollment.

2024-73

MEALS FOR THE ELDERLY.

S Kach

Fast Food 71 (4): 116,120,122. Apr 1972.

389.2538 F42

Catering, Costs, Elderly (65 + years), Food service.

Abstract: Describes Boston's low cost hot lunch program for its elderly.

2025-73

MEALS ON WHEELS A LA CALGARY.

R J Crealock

J Can Diet Assoc 32 (2): 81-84. June 1971.

389.9 C1632

Food programs, Food service, Meals on Wheels, Organization.

Abstract: Need, development, and operation of Meals on Wheels in Calgary, Canada.

2026-73

THE MEN IN CHARGE - THE GOVERNMENT NUTRITION PROGRAMS.

Richard E Lyng

Natr Today 5 (4): 16-20. Winter 1970.

RA784.N8

Administrative personnel, Federal government, Nutrition, Programs.

Abstract: This article reviews the Government's nutrition policy and describes the men who implement it.

2027-73

A GUIDE TO FOOD PROGRAMS IN MONTGOMERY COUNTY.

Montgomery County, Health Department, Nutrition Services Rockville, Md. unc. 1972.

HV696.F6M6 FEN

Emergency feeding, Food programs, Food stamp programs, Free lunches, Maryland, Meals on Wheels, School lunch programs.

Abstract: This outline of the food programs available in Montgomery County, Maryland, is intended as a resource booklet for those concerned with hunger and malnutrition. Six programs are covered: food stamps, free school lunch, additional public assistance for expectant mothers, special diet allowance for public assistance recipients, meals on wheels, and emergency food programs. A brief description, with information on the purpose, cost, standards of eligibility, and method of application, are provided for each program.

2028-73

MOTHERCRAFT CENTERS COMBINE NUTRITION AND SOCIAL SCIENCES.

Kendall W King

J Nutr Educ 3 (1): 9-11. Summer 1971.

TX341.J6

Clinical diagnosis, Developing nations, Diet improvements, Educational programs, Home economics education, Malnutrition, Nutrition education.

Abstract: Nutritional Rehabilitation Centers, called Mothercraft Centers in some areas, operate in underdeveloped countries to identify badly nourished preschool children, induce their mothers to bring them to the center, and have the mothers participate in the nutritional rehabilitation of their own children using only foods, equipment, and funds similar to those available in their own homes. In most countries where they exist these centers have been effective in reducing, and

even eradicating clinical malnutrition. This article describes the history, organization, and effectiveness of the centers.

2029-73

A NEW DECADE FOR SCHOOL FOOD SERVICE.

Philip C. Olsan

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970. p. 388-393. July 12/24, 1970. LB3479.05N3 FEN

Child nutrition programs, Computer applications, Data analysis, Legislation, Milk programs, School lunch programs. Abstract: Public Law 91-248 is discussed. Highlights of its impact on child nutrition system. Need for better information systems recognized.

2030-73

NOBODY KNOWS WHO PAYS.

Food Nutr 1 (1): 7. June 1971.

TX341.F615

Free lunches, National School Lunch Program, Oklahoma.

Abstract: It is the presentation of methods how the Oklahoma School System complies with USDA regulations that schools in the National School Lunch Program in no way identify students receiving free or reduced price lunches.

2031-73

NOT ALL GOVERNMENTS SUPPORT SCHOOL LUNCH.

Sch Lunch J 24 (5): 58-60. Sept 1970.

389.A SCH6

Financial support, Food service, School food service, School lunch programs.

Abstract: Private support by two charitable organizations feed 35,000 African children each day. No government support for school lunch exists in South Africa.

2032-73

NOVA MEANS NEW--IN SCHOOL FOODSERVICE TOO!

M C Lewis

Sch Foodserv J 25 (8): 18-20. Sept 1972.

389.A SCH6

Catereries, School food service, Snacks, Type A lunch.

Abstract: Nova High School, Fort Lauderdale, Florida, has changed its food service program from a snack program to a school lunch program offering type A lunch since it.

2033-73

NUTRIENT CONTRIBUTION OF A MEALS PROGRAM FOR SENIOR CITIZENS.

Elizabeth Joering

J Am Diet Assoc 59 (2): 129-132. Aug 1971.

389.5 A434

Elderly (65+ years), Food intake, Food programs, Nutrient

content determination, Nutrient values. Abstract: The meals program of four senior service centers and a home-delivered meals program was assessed in terms of nutritive intake. When all participants were grouped together, the daily intake of all nutrients was greater when a meal was provided. The study also warns against complacency: serving ample quantities of fruits and vegetables in canned form did not provide sufficient ascorbic acid. This was corrected when some of the canned foods were replaced by ascorbic-acid-rich juices and fresh produce. Calcium and riboflavin intakes were considerably better when 1/2 pt. milk was offered with the meal.

2034-73

NUTRITION AWARENESS IN THE USDA.

F A Sentil, Louise Page, Mary M Hill

J Am Diet Assoc 51 (1): 17-21. Jul 1972.

389.A A434

Agricultural Extension Service, Dietary surveys, Food programs, Nutrition education, Research, Type A lunch, U.S. Dept. of Agriculture.

Abstract: This article details the USDA's commitment to nutrition research and its research, education, and action programs. Research includes dietary surveys, and the genetic development of new foods. Nutrition education is carried out mainly through the Extension Service. The Food Distribution and Child Feeding Programs help to upgrade the nutritional quality of diets. The latter have involved the development of "engineered" foods, a product-approval system, and a new type of service for Type A school lunch.

2035-73

NUTRITION IS THE SCHOOL'S BUSINESS.

O K Bandler

Sch Foodserv J 25 (1): 28-30. Jan 1972.

389.A SCH6

Nutrition, School breakfast programs, Snacks.

Abstract: Discusses reasons why children like school breakfasts. Program aimed at indigent children, but others also participated. Discusses child's need for snacks.

2036-73

NUTRITION SERVICES IN CHILD HEALTH PROGRAMS.

Mary C Egan

J Am Diet Assoc 59 (6): 555-559. Dec 1971.

389.A A434

Children, Diets, Health, Medical services, Nutrition, Programs.

Abstract: Existing models for the delivery of child health services, including nutritional care, as well as evolving health care systems, such as national health insurance and

health maintenance organizations, are reviewed. Consideration is given to the role of nutrition personnel in emerging health delivery systems and the need for active leadership by the dietetic profession.

2037-73

NUTRITION SERVICES OF THE AMERICAN RED CROSS.

Margaret R Stewart

Nutr Program News 1-4. Jul/Aug 1971.

1.982 A2N955

American National Red Cross, Emergency feeding, Food programs.

Abstract: Nutrition activities of the American National Red Cross are discussed. The various programs of the agency are described, with particular emphasis on the food and nutrition services provided. The programs include disaster relief programs, Red Cross classes, programs for migrant workers, service to military families, Meals-on-Wheels, Red Cross youth, and International Red Cross programs.

2038-73

A NUTRITIOUS DIET FOR ALL AMERICANS.

C M Hardin

Food Nutr 1 (1): 2. June 1971.

TX341.F615

Child nutrition programs, Conferences, Food stamp programs,

School lunch programs.

Abstract: With reference to the White House Conference on Food, Nutrition and Health author points out that emphasis and priorities have to focus on getting food to people who are poor, discusses various food programs such as food stamp programs, school lunch programs, and child nutrition programs.

2039-73

OEO--THE EMERGENCY FOOD AND MEDICAL SERVICES PROGRAM AND NUTRITION EDUCATION.

O C Brown

In Proceedings of the Nutrition Education Seminar,

Florida Agricultural and Mechanical Univ., 1971. p. 70-71.

July 18/28, 1971.

LB3479.05 FEN

Food programs, Nutrition education.

Abstract: This paper discusses the development of the Emergency Food Program in 1966, the New School Lunch Law in 1971, and resources available through Federal food programs such as special information booklets, commodity foods, and food stamps. Implications of these programs for nutrition education are presented.

2040-73

A STUDY OF THE EFFECT OF CERTAIN MANAGEMENT FACTORS ON NUTRITIVE VALUE AND PUPIL PARTICIPATION IN THE SCHOOL LUNCH.

Jessica Craig Obert

N.S. 196 p. 1951.

LB3475.5.P302 FEN

Dietary standards, Donated foods, Food purchasing, Menu planning, Nutrient values, Research, School lunch programs, Student participation, Type A lunch.

Thesis (Ph.D.) - Ohio State University, facsimile by the University, Columbus, Ohio.

Abstract: This doctoral thesis describes the development and use of an instrument for objectively rating school lunch programs in terms of nutritive value and participation.

2041-73

OPERATION BAG LUNCH.

Sch Foodserv J 26 (1.6.25, 9): 19. Oct 1971.

389.A SCH6

Adolescents (12-19 years), Box lunch, Children, Summer programs, Type A lunch.

Abstract: Jacksonville, Florida, program for feeding youngsters 3 to 21 during the summer months.

2042-73

ORANGE JUICE STUDIED.

Sch Foodserv J 26 (1): 43. Jan 1972.

389.A SCH6

Fruit juices, Oranges, School breakfast programs.

Abstract: Report about the Florida Citrus Commission's publication, "Serving the sunshine drink," discussing orange juice for school breakfasts.

2043-73

OUR CHILD FEEDING OVERSEAS - A DEVELOPMENT RESOURCE FOR THE SEVENTIES?

James F Levinson

J Am Diet Assoc 57 (6): 503-508. Dec 1970.

389.A A434

Developing nations, Donated foods, Food programs.

Abstract: For the past 20 years, the U.S. has been donating food commodities to low-income countries for direct distribution to needy communities and vulnerable groups. The author describes the state of the programs today under Title I and Title II, and suggests ways to develop these programs so that they make the best use of food resources and achieve their goals in terms of distribution.

2044-73

EDUCATIONAL OPPORTUNITY BANKS: A REPORT TO THE U.S. COMMISSIONER OF EDUCATION.

Panel on Educational Innovation

Washington, D.C. 21 p. 1967.

LB2342.P3 FEN

PAGE 161

BIBLIOGRAPHY

2045-73

Educational finance, Federal government, Financial support, Higher education.
Abstract: This document outlines a loan program to help students pay for their education beyond secondary school.

2045-73

PORTABLE MEALS CONTRIBUTE TO NUTRITION EDUCATION EFFORTS.
Virginia Knauer
J Nutr Educ 3 (2): 59-51, Fall 1971.
TX341.F6
Elderly (65 + years), Food delivery systems, Nutrition education, Ohio.
Abstract: Concern for the homebound and elderly has led to the development of meals delivered to homes in 22 Ohio cities. In Cincinnati, nutrition education has been added to the program. The author describes these programs, how they were set up and how they work.

2046-73

POSITION PAPER ON FOOD AND NUTRITION SERVICES IN DAY-CARE CENTERS.
American Dietetic Association
J Am Diet Assoc 59 (1): 47, Jul 1971.
389.8 A134
Administration policies, American Dietetic Association, Day care services, Food service, Nutrition education.
Abstract: The American Dietetic Association supports the recommendations for day-care set out in the Final Report of the White House Conference on Food, Nutrition and Health, 1969, and makes several additional recommendations for food service and nutrition education in day care centers.

2047-73

POSITION STATEMENT OF THE AMERICAN SCHOOL FOOD SERVICE ASSOCIATION ON FOOD SERVICE IN CHILD NUTRITION PROGRAMS.
Sch Foodserv J 27 (1): 55, Jan 1973.
389.8 SCH6
Child nutrition programs, School food service.
Abstract: Formal statement of the position this organization takes concerning child nutrition programs based on the concept that the purpose of school nutrition programs "is to maintain and improve the health and nutrition education of school children."

2048-73

PROJECT ON FOODS AND NUTRITION SERVICES IN THE PUBLIC SCHOOLS (IN NORTH CAROLINA).
Mary K Head, Stevan Hienstra
In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 103-117.
July 18/28, 1971.
LB3479.U5 F6N
Child nutrition programs, Computer applications, Federal programs, Information services, Legislation.
Abstract: This paper discusses new developments in food service. Topics included are the commitment to end hunger, new legislation, the various provisions of Public Law 91-246, and in particular some of the projects being carried out under Section 5 of the law, the establishment of an Information and Educational Materials Center in connection with the National Agriculture Library, studies to evaluate and improve child nutrition programs, Special Developmental Projects under Section 10 of the Child Nutrition Act, computer assisted menu planning, nutrient standards and engineered foods.

2049-73

REACHING THE HARD-TO-REACH SCHOOLS.
Food Nutr 1 (2): 5-7, Aug 1971.
TX341.F615
Canned foods, Low income groups, Pennsylvania, School lunch programs, Type A lunch.
Abstract: A test carried out in Philadelphia was designed to determine the acceptability of canned entree system of serving hot lunches at low cost in low income areas. Known to the children as "lunch in a cupcan", later the test became the basis for the introduction of lunch programs in inner city schools to meet USDA Type A standards for nutritious lunch FNS suggested to serve additional foods.

2050-73

THE SACRAMENTO SYSTEM: COMMUNITY COMPATABILITY.
Food Serv 34 (A): 30-33, 46, Aug 1972.
389.2534 F732
California, Convenience foods, Cycle menu, Food preparation and distribution systems, Marketing, Merchandising, School food service.
Abstract: Year-long outside patio dining, Mexican and South Pacific food, birthday parties for students, outdoor snack bars, "odd" decor, and disaster plans for school feeding should another earthquake occur are among the innovations which make up the California-style lunch program. Food service for the 49,500 students in the Sacramento City Unified School District is described, with emphasis on convenience. In the past two years, the Sacramento staff has tested 325 products from seventy-five processors. Considering the existing storage space in the thirty-nine kitchens which also serve thirty-six satellite schools, a semi-convenience system has been designed. Canned foods were found to be most suitable for entrees under the circumstances. Planning a menu cycle around canned entrees, frozen foods, dry mixes, and surplus commodities, the school district saved \$32,000 in operation costs last year. An interesting solution to the disposal problem of No. 10 cans

is their use by landscape nurseries as containers for young plants and by arts-and-crafts classes.

2051-73

SATELLITING IN THE SUBURBS.
A B Taylor
Sch Lunch J 24 (3): 46-48, 50-52, Mar 1970.
389.8 SCH6
Equipment, Kitchens, Satellite, School food service, Serving equipment.
Abstract: Description of a hot food service system in an old school building, with a tiny kitchen and a all-purpose room for a dining area.

2052-73

SCHOOL FOOD SERVICE NUTRITION EDUCATION FINANCE PROJECT.
Thelma Flanagan, Michael O'Ferrell
In Proceedings of the Nutrition Education Seminar, Florida Agricultural and Mechanical Univ., 1971 p 93-94.
July 18/28, 1971.
LB3479.U5 F6N
Nutrition education, School food service.
Abstract: This paper discusses the objectives and the means for achieving the objectives of USDA's National School Food Service and Nutrition Education Finance Project.

2053-73

A SCHOOL FOODSERVICE PROFESSIONAL SPEAKS OUT.
J R Myers, J Martin
Cooking for Profit 40 (248): 25-31, Aug 1971.
TX901.C6
Georgia, School food service.
Abstract: Interview with Miss Josephine Martin, in which the Georgia school food service is discussed, and its achievements, quality, and participation are brought out.

2054-73

SCHOOL LUNCH GROWS IN BROOKLYN.
Food Nutr 1 (2): 13-15, Aug 1971.
TX341.F615
Food restrictions, Food standards and legislation, Low income groups, Religious dietary laws, School children (6-11 years), School lunch programs.
Abstract: History of a school lunch program established with the help of USDA in low income area, in a Hebrew day school, Brooklyn, New York. With the assistance of the program children are fed through eighth grade. The problem of meeting USDA lunch standards while keeping kosher are discussed.

2055-73

SCHOOL LUNCH IN HIGH POINT: A COMMUNITY PRIDE.
L Stecker
Food Nutr 3 (2): 13-15, Apr 1973.
TX341.F615
Day care services, Elderly (65 + years), Handicapped children, North Carolina, Satellite, School lunch programs, Summer programs.
Extract: School food service supervisor for the High Point, N.C., schools has in 9 years guided the city's once disorganized school lunch operation (with deficit) to an efficient, financially sound program of which local citizens are proud. A conservatively small operation, the multi-faceted program reaches an average of 8,600 people. The school food service staff now provides attractive nutritious lunches at minimum production cost to students in 16 schools; satellite lunches to handicapped kindergarten children and has meal contracts for day care centers, summer programs, and home delivered meals for the elderly.

2056-73

SCHOOL LUNCH IN HIGH POINT: A COMMUNITY'S PRIDE.
Lois Stecker
Food Nutr 3 (2): 13-15, Apr 1973.
TX341.F615
Elderly (65 + years), Food service management, Food service workers, North Carolina, School lunch programs, Summer programs, U.S. Dept. of Agriculture.
Abstract: This article describes a number of school food service programs in operation at High Point, North Carolina. The author tells how the programs were set up, the number of children they reach, and the unique organization of paid food service workers and community volunteers.

2057-73

SCHOOL LUNCH LOOKS TO THE FUTURE.
Richard E Lyng
Food Nutr 1 (3): 3, Oct 1971.
TX341.F615
Administration policies, Financial support, National School Lunch Program, School food service.
Abstract: This year marks the 25th anniversary of the 1946 National School Lunch Act. The number of children taking part has grown from 6.6 million to 24.6 million in 1971, and the administration is responsible of over one million dollars in Federal funds for all child nutrition programs. Looking ahead, the experience of 25 years serves as a basis for developing, broadening and expanding child feeding programs.

2058-73

SCHOOL LUNCH: ALASKA STYLE.
Marge Dawes
Food Mgt 8 (1): 50-56, Jan 1973.

- TX943.F6
Alaska. School food service. School food service supervisors. School lunch programs.
Abstract: The author gives a first-hand account of the hazards and rewards of supervising a school food service in the Arctic. The problems involved in obtaining supplies, travelling to and from various schools, coordinating school and community efforts across great distances, battling rough weather, and coping with the bi-lingual language situation are all recounted.
- 2059-73
SCHOOL SYSTEMS IMPLEMENTATION: TEXAS STYLE.
Food Serv 35 (4): 48-52. Apr 1973.
389.2538 F732
Bulk Service, Facilities planning and layout, Food delivery systems, Food preparation and distribution systems, Food service management, Menu planning, Prepackaged portioning, School food service, Texas.
Abstract: Gertrude Applebaum runs a tight ship. The director of Corpus Christi, Texas school food services turns a profit every year while maintaining a student participation rate of 80 percent. Her schools operate on three different systems: eight schools have their own self-contained kitchens; eight more use a preportioned prepack system; and 25 operate on the bulk system. The prepack and bulk systems are served from a central manufacturing kitchen. Individual school principals and PTA advisory committees, in consultation with students, choose the system for their particular school.
- 2060-73
A SIMPLIFIED SCHOOL LUNCH SYSTEM.
Food Serv 34 (7): 54-55. Jul 1972.
389.2538 F732
Convenience foods, Cost effectiveness, Facilities planning and layout, School lunch programs.
Abstract: This article describes how the school lunch director, a distributor sales force, and food processors and equipment manufacturers got together to organize a school lunch program. No food service systems existed at all, and the school's management entered into dialogue with institutional sales personnel who have (a) knowledge of the community and (b) an understanding of the many problems facing operating management. Together they created a practical and effective food service system which satisfies the student body while at the same time remaining within the feasible fiscal structure of the program. Convenience food components were used that require virtually no skill in preparation, make minimal demands on storage facilities and are continually available on a dependable basis.
- 2061-73
SLIM'S SWIM--A SUMMER NUTRITION PROGRAM FOR UNDERPRIVILEGED TEEN-AGE GIRLS.
Virginia Myrick
J Am Diet Assoc 57 (1): 44-46. Jul 1973.
389.4 AM34
Adolescents (12-17 years), Diets for special conditions, Disadvantaged youth, Food habits, Health education, Nutrition education, Obesity.
Abstract: The Robound Children and Youth Project, sponsored by the Children's Hospital of Philadelphia, in collaboration with the Philadelphia Child Guidance Clinic, was established in December 1966 to provide a blend of medical, mental, dental, and community health services to children 14 years of age and under, who live within the low-income, twenty-block area surrounding the hospital. With summer and its daytime leisure approaching, a team composed of the nutritionist, the family life educator, and the community worker began "Slim's Swim" program. Its objectives were to (1) directly involve girls in a summer activity which had vital application to their everyday lives; (2) develop an understanding of relationships between food, activity, and physical development; (3) initiate an awareness and interest in comparative food costs; (4) focus on behavioral patterns and possibilities for change; (5) suggest food-related activities as a focus of family interest and cooperation; and (6) promote peer-group support in all of these areas.
- 2062-73
SOUTHWEST REGION'S RESPONSE TO THE CHALLENGE OF NUTRITION EDUCATION.
Gene E Good
In Proceedings of the Southwest Region School Food Services Seminar, Kansas State Univ., 1971 p 39-41. July 12/23, 1971.
LB3479.USK3 F64
Food service management, School lunch programs.
Abstract: This essay reviews the Southwest Region's response to the challenge of nutrition education over the past 25 years. The varying levels of progress among the 12000 school lunch programs in the region are noted and school food service directors are challenged to "stop waiting for someone else to put it all together" and take whatever is the next step in their individual situations with enthusiasm.
- 2063-73
SPECIAL FOOD SERVICE FOR SUMMER IN PORTLAND.
Benedict Montoya
Food Nutr 3 (2): 2-3. Apr 1973.
TX341.F615
Children, Portland, Oregon, School lunch programs, Summer programs, Type A lunch. U.S. Dept. of Agriculture.
Abstract: This article describes the organization and operation of a summer food service for children in Portland, Oregon. Most children are served a lunch that conforms to the Type A lunch requirements and provides one-third of the daily nutritional requirement. Some of the other children (generally those enrolled in day care centers) receive breakfast and mid-morning and mid-afternoon snacks, in addition to lunch. USDA funded 80 percent of the program while local "in-kind" contributions comprised the remainder.
- 2064-73
STAFFING BROWARD COUNTY--STYLE.
J T Wynn
Sch Foodserv J 27 (1): 44-46, 49-50, 52, 54. Jan 1973.
389.4 SCH6
Food service occupations, Program planning, School food service.
Abstract: Careful planning for labor productivity in food service occupations under different school conditions and equipment.
- 2065-73
STANDARDS AND PROGRESS IN DAY CARE CENTER PROGRAMS.
Alice O Chenoweth
J Am Diet Assoc 60 (3): 197-200. Mar 1972.
389.4 AM34
Day care services, Educational programs, Evaluation, Preschool children (2-5 years).
Abstract: Interest in providing day care services for preschool children has never been so high. There are compelling reasons to support day care programs, including the obvious need as well as the widespread belief in their beneficial effect on young children. If the benefits are to come to pass, standards for such services are required and have been developed. Their rationale is the subject of this paper.
- 2066-73
THE STATUS OF SCHOOL FOODSERVICE: PART I.
David Hanks
Instit/Vol Feeding 67 (3): 71-75. Sept 1970.
TX820.15
Convenience foods, Food preparation, Food standards and legislation, Free lunches, School breakfast programs, School food service, School lunch programs, Surveys, U.S. Dept. of Agriculture.
Abstract: This is the first of a two-part series on the progress of school food service across the country during 1969-70. Topics discussed include (1) legislation affecting school food service operations, (2) commercial catering in the schools, (3) the use of convenience foods, (4) decentralization of school food service management, (5) community control of school food service, and (6) student participation in school food services.
- 2067-73
STINGING ATTACK BLASTS SCHOOL LUNCH PROGRAMS.
Nation's Schools 45 (2): 26-28. Feb 1970.
LB2804.N3
Bureaucracy, Child nutrition programs, Evaluations, Financial support, Free lunches, School lunch programs.
Abstract: A former USDA official who initiated a \$45 million emergency program to supply free and low cost school lunches for needy children charged that "most states are using these funds to hold down the prices of regular school lunches--in effect, benefitting the middle-class youngsters and diluting a special effort to provide an adequate diet" for the eight million children who cannot afford a school lunch at all. Rodney E. Leonard described the entire school lunch program as an "incoherent shambles." One reason, according to Leonard, is that "the Executive branch recognizes that the power center in food rests closer to the economic interests of those who can afford to produce, market, process or consume rather than with those who cannot." As a result, "the needs of this food industry often dictate how the dollars are spent."
- 2068-73
A STUDY OF SCHOOL FEEDING PROGRAMS - I. ECONOMIC ELIGIBILITY AND NUTRITIONAL NEED - II. EFFECTS ON CHILDREN WITH DIFFERENT ECONOMIC AND NUTRITIONAL NEEDS.
Lillian Enmons, Marian Hayes, David L Celli
J Am Diet Assoc 61 (3): 262-275. Sept 1972.
389.4 AM34
Dietary surveys, Disadvantaged youth, Economic influences, Free lunches, Influences on nutrition, Nutritional status, Physical development, School breakfast, School food service.
Abstract: In the first study family income and size were correlated with nutritional need for 344 children in two school districts. Nutritional need was determined from 24-hr. dietary recalls and anthropometric and biochemical data. Not all children economically eligible for free lunches were found to be "nutritionally needy"; neither were all economically ineligible children classed as "nutritionally adequate." The second study investigated the impact of school breakfast or milk plus lunch on nutritive intake, biochemical measurements, and physical growth of elementary school children from fall to spring. Participation in the school feeding program significantly increased nutritive intakes of nutritionally needy children. From fall to spring, only one-third in one school district and one-sixth in another failed to improve their nutritive intakes. The period of study was too short to show changes in biochemical measurements and growth.

2069-73

2069-73

THE SUCCESS OF THE FEDERAL FOOD ASSISTANCE PROGRAMS.
Earl L. Butz
Nutr Today 7 (4): 12-13. Jul/Aug 1972.
RA784.N8

Food programs, Food stamp programs, Low income groups, Nutritional status, Surveys, U.S. Dept. of Agriculture.
Abstract: This article by the Secretary of Agriculture praises the work of the federal Food Assistance Programs. Specifically he cites that (1) the number of poor receiving assistance has increased, (2) the Food Stamp Program is successful, (3) foods for direct distribution have been improved in amount and variety, (4) participation in school lunch programs has increased, as well as has school breakfast and summer feeding programs.

2070-73

SUMMER FEEDING: EAST AND WEST.
Food Nutr 2 (1): 6-8. Feb 1972.
TX341.F615

Adolescents (12-17 years), Children, Food service, Summer programs.
Abstract: Programs in Rochester, N.Y. and Seattle, Wash. for feeding children in connection with recreation programs are described.

2071-73

SUMMER FOOD SERVICE IN CINCINNATI.
J. Luck, M. Panko
Food Nutr 3 (2): 4-9. Apr 1973.
TX341.F615

Adolescents (12-17 years), Food service supervisors, Menu planning, Ohio, Preschool children (2-5 years), School children (6-11 years), Summer programs.
Extract: The Cincinnati Summer Food Demonstration Project was a cooperative effort involving USDA and three local agencies. More than 7,000 of the area's youngsters received lunches or supplemental meals, ranging in age from preschoolers to teenagers. The menus for the project were planned by school food service supervisors.

2072-73

SUMMER FOOD SERVICE IN PORTLAND.
B. Montoya
Food Nutr 3 (2): 2-3. Apr 1973.
TX341.F615

Low income groups, Meals per day, Oregon, Summer programs.
Abstract: During the summer operations of the Special Food Service Program for Children in Portland, Ore., the FMS summer feeding program was sponsored by local groups through the Portland Public School District, serving about 4,000 children per weekday. USDA funded 80 percent of the cost. The purpose of the program was to assure that children from low income families receive at least one nourishing meal a day.

2073-73

SUMMER PROGRAMS OFFER 'THREE SQUARES'.
C. L. Coryers
Sch Foodserv J 75 (7): 88-90. Jul/Aug 1972.
J89.8 S2H6

Children, Education, Health, Medical services, Migrant workers, Motivation, school food service, Summer programs.
Abstract: Program for children of migrant workers and others who are disadvantaged, providing three meals a day, medical attention, school, and motivation for more education. This program is being carried out in Accomack and Northampton counties in Virginia.

2074-73

SUMMER SCHOOL-FEEDING PROGRAM FILLS NEED IN HEREFORD.
Sch Lunch J 25 (3): 48, 50. Mar 1971.
J89.8 S2H6

Children, School food service, Summer schools.
Abstract: Hereford, Texas, fills a need for nutrition in children of migratory farm workers.

2075-73

THE FEDERAL SCHOOL LUNCH AND SPECIAL MILK PROGRAM IN TENNESSEE: WITH IMPLICATIONS FOR THE DAIRY INDUSTRY.
Tennessee University, Agricultural Experiment Station
Stanton P. Parry, M. Lloyd Downer
Knoxville, Tenn. 34 p. 1961.
TX379.T6 F54 (Tennessee University, Agricultural Experiment Station. bulletin 325)

Food consumption, Marketing, Milk, Milk programs, School lunch programs, Student participation, Tennessee.
Abstract: A relatively large percentage of Tennessee milk flowed into school feeding programs, and over ninety percent of the state's students drank it. The largest consumption was in large "white" schools participating in both the lunch and milk programs. Milk consumption in "colored" schools was notably lower. Frequent servings and teacher enthusiasm tended to increase milk consumption. Suggestions are offered as to how milk consumption can be increased to the benefit of both Tennessee's students and its dairy industry.

2076-73

TEXAS HAVERICKS REJECT FEDERAL SUBSIDIES.
B. McCarroll
Cooking for Profit 40 (242): 38-40. Feb 1971.
TX901.C5

Finance, School lunch programs, Snacks, Type A lunch.
Abstract: Ector County school lunch program functions indepen-

dently of federal subsidies, with 62% student participation, civic involvement in underwriting lunches for needy students, and showing an \$80,000.00 profit.

2077-73

THOUSANDS CAME TO DINNER.
Sch Lunch J 25 (5): 66, 69. May 1971.
J89.8 S2H6

American National Red Cross, American School Food Service Association, Emergency feeding, Food service, Food service workers.

Abstract: Cooperation between ASFSA and ANRC during earthquake in Los Angeles area Feb. 9, 1971, to feed people at the schools with school food service employees.

2078-73

TOY FARLEY'S IMPOSSIBLE DREAM.
Food Mgt 8 (2): 44-49. Feb 1973.
TX943.F6

Food service occupations, Food service training, Food service workers, Mental retardation, Physically handicapped, School lunch programs, Work experience programs.
Abstract: This article describes how one son's public school system uses its facilities to care for handicapped youngsters and give them a future in the food service industry. The students work in the school lunch program as part of their schooling, giving them at-the-job training with thorough supervision. The author notes ways in which this program increases the student's self-respect and potential for future employment.

2079-73

TOTAL CONVENIENCE ON THE COLLEGE CAMPUS - SPECIAL REPORT.
Food Serv 32 (8): 33-37. Aug 1970.
J89.2538 F732

College food service, Colleges, Food service training, Institutional feeding.
Abstract: Northwood Institute, Midland, Michigan, is a two-year school teaching "threshold" skills. Businessmen tell the college what should be taught so that the graduates possess qualities that make them productive on the job in the shortest time. For six of the college's ten years, the present food service director has seen a 400 per cent growth in student population. Convenience foods account for about 90 per cent of the total feeding program; a core staff of sixteen handles the food service. Cost accounting concepts require that total food service costs be kept at 75 per cent of actual income; food costs account for about 40 per cent of income, labor - 10 per cent. Success of the program has led to its adoption on other campuses.

2080-73

FOOD FOR PEACE AROUND THE WORLD; MANUAL FOR LEADERS IN COMMUNITY FEEDING PROGRAMS.
U.S., Agency for International Development
Washington 51 p. illus. Oct 1962.
TX946.U5 F6N

Community feeding centers, Developing nations, Equipment, Facilities planning and layout, Food for Peace, Food preparation, Recipes, Sanitation.
Abstract: The Food for Peace Program provides foodstuffs to countries which cannot grow or buy enough food for themselves. The donated foods are generally used in community centers and school lunch programs. This small book suggests ways of setting up simple feeding facilities, including storage, cooking, and cleaning equipment. Recipes, cooking techniques, and sanitation rules are also given.

2081-73

LUNCH PROGRAMS IN THE NATION'S SCHOOLS.
U.S., Dept. of Agriculture, Economic Research Service
William H. Freund
Washington, D.C. 41 p. 1971.
LB3475.U524 F6N (U.S. Dept. of Agriculture, Economic Research Service. Agricultural economic report no. 210)
Food economics and consumption, National School Lunch Program, Private schools, Public schools, School food service, Statistical data, Student participation.
Abstract: Noontime food services were provided in about 75 percent of the nation's 105,000 public and private elementary and secondary schools during a survey in March 1966. Most of these schools with food service participated in the National School Lunch Program (NSLP). Schools with food service had 41 million pupils enrolled, over 80 percent of the estimated 50.7 million pupils in all schools. Nearly 20 million pupils ate plate lunches daily. The availability of food service will increase in the future, but not as rapidly as in the past. Most of this gain will probably be within the NSLP. Impetus for increased pupil participation and availability of food service will be provided through new eligibility requirements for free lunches in the NSLP and additional funding to implement food service.

2082-73

FOOD SERVICE IN PRIVATE ELEMENTARY AND SECONDARY SCHOOLS.
U.S., Dept. of Agriculture, Economic Research Service, Marketing Economics Division
Martin Kriesberg
Washington, D.C. 21 p. 1964.
LB3475.U52 F6N (U.S. Dept. of Agriculture, Economic Research Service. Marketing research report no. 678)
Finance, Food purchasing, Free lunches, Private schools, School lunch programs, Student participation.

Abstract: Of the 15,300 private elementary and secondary schools in this country in 1962, approximately 6,500 provided lunch service for the 3 million children who were enrolled. About 5,000 of the 6,500 schools serving food offered complete plate lunches under the National School Lunch Program. Of the 2.3 million pupils in these schools, about half consumed the school plate lunch on a daily basis. Three major factors affecting pupil participation in the lunch program were found to be: size and location of the school, prices charged, and the time allowed for lunch and proximity of the school to homes and alternative eating establishments. Prices paid for plate lunches varied across the country from 15 to 45 cents, but most children purchasing plate lunches at school paid about 25 cents in the elementary schools and 30 cents in the secondary schools. More than 140,000 needy pupils received free or reduced price lunches in the private schools during March 1962. Of the 5,000 private schools offering plate lunches under the National School Lunch Program, 4,500 prepared the food in their own facilities. Lack of money and pupils hindered building of facilities in other schools.

2083-73

FOOD SERVICE IN PUBLIC SCHOOLS.
U.S., Dept. of Agriculture, Economic Research Service, Marketing Economics Division
Martin Kriesberg
Washington, D.C. 39 p. 1964.
LB3475.U522 F6N (U.S. Dept. of Agriculture, Economic Research Service, Marketing research report no. 681)
Finance, Food preparation, Food purchasing, Food service management, Menu planning, Public schools, School lunch programs, Student participation.

Abstract: Approximately two-thirds of the nation's 97,000 public elementary and secondary schools participated in the National School Lunch Program in March 1962. These schools made complete plate lunches available to their 30 million pupils; 75 percent of all public school children. Another 4,300 public schools with an enrollment of 3.7 million also served lunches: plate lunch or a la carte. In 1962, more than 44 percent of the pupils enrolled in public schools where food was served took the complete plate lunch daily. On the basis of average daily attendance in these schools, more than 50 percent ate plate lunches regularly. Factors affecting pupil participation in the lunch programs are prices charged, time for lunch and proximity to homes, and school grade and availability of other eating establishments. Prices for plate lunches varied across the country from 15 to 45 cents, but most children purchasing plate lunches at school paid about 25 cents in the elementary schools and 30 cents in the secondary schools. During March 1962, almost 1 million pupils received lunches free or reduced price lunches. Schools spent about 85 percent of their lunch expenditures locally.

2084-73

FOOD SERVICE IN THE NATION'S SCHOOLS: A PRELIMINARY REPORT.
U.S., Dept. of Agriculture, Economic Research Service
Washington, D.C. 11 p. 1969.
LB3475.U522 F6N (U.S. Dept. of Agriculture, Economic Research Service, ERS-434)
Free lunches, National School Lunch Program, National surveys, School breakfast programs, School food service, Student participation.

Abstract: During March 1968, the U. S. Department of Agriculture conducted a nationwide survey of school food programs. The survey dealt with availability of types of service, participation rates, costs to the schools, number of needy children served, and other aspects of school food programs. School milk, school breakfast, and school lunch programs were covered, together with food preparation facilities.

2085-73

HEAD START: A CHILD DEVELOPMENT PROGRAM.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 16 p. (n.d.).
LB1140.U52 F6N
Federal programs, Head Start, Preschool education.
Abstract: This introductory pamphlet describes the Head Start program, the Leadership Development and Supplementary Training Programs for staff members, the Follow Through Program, and the Parent and Child centers for children under the age of three.

2086-73

PARENT INVOLVEMENT: A WORKBOOK OF TRAINING TIPS FOR HEAD START STAFF; PROJECT HEAD START.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 91 p. (n.d.).
LB1140.U5 F6N (Project Head Start rainbow series 10A)
Federal programs, Head Start, Parent participation, Preschool education, Resource guides, Teaching guides.
Abstract: Project Head Start is designed to promote the growth and development of parents and their children. Parent involvement is a process of community action that enriches the total project. It provides parents, staff, and communities with opportunities to work as teams to ensure their children's best possible development. Parent involvement enables parents to participate in making policy decisions that affect their children's growth and development, and in developing and sustaining programs that assist parents in carrying out their parental responsibilities based upon their desires and understandings. It enables staff to broaden and deepen their insights, and provide the children and their parents with quality servi-

ces and relevant programs. This workbook is a guide for Head Start staff. The materials are based on Head Start legislation, national guidelines and the experiences of many different Head Start programs.

2087-73

FEDERAL FUNDS FOR DAYCARE PROJECTS. Revised.
U.S., Dept. of Labor
Washington, D.C. 91 p. 1972.
HV694.U5 F6N (N. Pamphlet 14)
Day care programs, Federal programs, Financial support, USDA Food and Nutrition Service.
Abstract: This publication outlines programs of Federal agencies that provide funds for day care projects. Authorization, eligibility, and fund apportionment are given for each program.

2088-73

FEDERAL INTERAGENCY DAY CARE REQUIREMENTS.
U.S., Federal Panel on Early Childhood
Washington, D.C. 17 p. 1968.
HV694.U52 F6N
Child nutrition programs, Day care services, Federal government, Laws.
Abstract: This booklet defines Day Care Centers, and explains the federal legislation by which they must be established and operated. Included are regulations governing (1) facilities, (2) environmental standards, (3) educational and social services, (4) health and nutrition services, (5) hiring and training of staff, (6) parent involvement, and (7) administration, coordination, and evaluation of the Center's activities.

2089-73

YOU CAN HELP FIGHT HUNGER IN AMERICA: DONATED FOODS HANDBOOK FOR VOLUNTEERS.
U.S., Food and Nutrition Service
Washington, D.C. 11 p. 1969.
HV696.F6U52 F6N (U.S. Food and Nutrition Service, FNS-21)
Disadvantaged groups, Donated foods, Family (Sociological unit), Guides, Hunger, Volunteers.
Abstract: The Family Food Donation Program and the Supplemental Food Program provide free foods to low income families and to expectant and nursing mothers, infants, and young children in low income families respectively. This booklet is a guide for volunteers working in these programs.

2090-73

CHILD NUTRITION PROGRAMS: HANDBOOK FOR VOLUNTEERS.
U.S., Food and Nutrition Service
Washington, D.C. 16 p. 1970.
HV696.F6U52 F6N (U.S. Food and Nutrition Service, FNS-10)
Children, Donated foods, Federal programs, Guides, National School Lunch Program, Preschool children (2-5 years), School breakfast, Volunteers.
Abstract: The National School Lunch Program, the School Breakfast Program, the Non-food Assistance Program, the Special Food Service Program, and the Commodity Distribution Program provide federal aid in food, cash, and technical guidance to food service programs for children from preschool age through high-school. This booklet for volunteers describes the programs, gives examples of what other volunteers have done, and suggests ways of developing and organizing projects.

2091-73

A GUIDE FOR PLANNING FOOD SERVICE IN CHILD CARE CENTERS.
U.S., Food and Nutrition Service
Washington, D.C. 22 p. 1971.
HV694.U5 F6N (U.S. Food and Nutrition Service, FNS-64)
Day care services, Food preparation, Food purchasing, Food service, Menu planning, Sanitation.
Abstract: This guide was prepared to help directors and personnel plan food service for pre-school children in child care centers. It is for use in the Special Food Service Program for children authorized in May 1966 by Public Law 90-302. This program provides assistance to food services for both pre-school and school age children (including the handicapped) in public and non-profit private institutions including child care centers, settlement houses, recreation centers and summer day camps. In-residence service institutions are not eligible. Child care centers serving meals which meet program requirements are eligible for cash reimbursement and donated foods. Centers also may obtain funds for equipment to initiate, improve, or expand food service programs.

2092-73

YOU CAN HELP FIGHT HUNGER IN AMERICA: FOOD STAMP HANDBOOK FOR VOLUNTEERS.
U.S., Food and Nutrition Service
Washington, D.C. 11 p. 1969.
HV696.F6U5 F6N (U.S. Food and Nutrition Service, FNS-1)
Disadvantaged groups, Food stamp programs, Guides, Hunger, Volunteers.
Abstract: This handbook outlines some of the ways a volunteer can help poor people improve their diets, and gives useful information and facts about the Food Stamp Program, including regulations and application procedures.

2093-73

2093-73

COMMUNITY ACTION: HEALTH PROGRAMS.

U.S., Office of Economic Opportunity, Community Action Program
Washington, D.C. 18 p. 1966.
AA965.5 US FEN

Community action, Federal government, Health education, Public health, Vocational development.

Abstract: This pamphlet is one of a series on community action programs prepared as an aid to the many people involved in developing and carrying out local efforts to combat poverty. Although the pamphlets have many audiences, they are intended chiefly for local community people who plan and develop action programs and for staff members of the OEO Community Action Program. This particular pamphlet discusses programs intended to break the self-perpetrating cycle of ill health in poor neighborhoods. It focuses on the development and planning of neighborhood health centers and the use of nonprofessionals in health programs. Appendices cover eligibility requirements and application procedures for obtaining government grants.

2094-73

COMMUNITY ACTION FOR EMPLOYMENT: MANPOWER DEVELOPMENT.

U.S., Office of Economic Opportunity, Community Action Program
Washington, D.C. 27 p. 1966.
HD57C7 J5 FEN

Community action, Federal government, Job training, Program administration, Vocational counseling, Vocational development.

Abstract: This pamphlet describes steps to follow in planning a comprehensive manpower program, enumerates and describes program elements essential to a comprehensive manpower services program, and outlines a number of resources which are available to Community Action Agencies wishing to implement a manpower program.

2095-73

PROFILES IN QUALITY EDUCATION: 150 OUTSTANDING TITLE I, ESEA, PROJECTS.

U.S., Office of Education
Washington, D.C. 123 p. 1966.
LC4091.05 FEN

Directories, Disadvantaged youth, Educational programs, Federal government, History, Low income groups, School food service.

Abstract: This booklet presents 150 outstanding Title I projects from across the Nation. Each project has been designated by State Title I Coordinators as worth emulating. Each provides valuable assistance to the low-income children it serves. Together they represent a wide variety of instructional areas and pupil services. They cover all groups of disadvantaged children. There are work-study programs, health services, remedial programs, English as a second language activities, college preparatory classes, and teacher training programs. There are programs that concentrate on early childhood education, the dropout, the vocational student. Each has been classified and reported in brief. Starting dates are indicated, but in all cases these projects are scheduled to continue through the 1965-67 school year.

2096-73

U.S. JAYCEES RESOLVE TO BACK PILLOT UNIVERSAL PROGRAM.

Sch Foodserv J 25 (51): 40. Sept 1972.
389.8 SCH6

Jaycees, School lunch programs.

Abstract: Jaycees resolution to support a pilot universal school lunch program, and a discussion of the reasons.

2097-73

WAFFLES AND SYRUP, ANYONE?

C Shevchuk
Sch Foodserv J 25 (11): 4A-49. Jan 1972.
389.8 SCH6

Food preparation, School breakfast programs, School lunch programs.

Abstract: In this program, children who have a clean tray are given a prize of a slice of toast, which they enjoy. Coordinating breakfast preparation with lunch preparation has been a major difficulty, as was anticipation of freezer space for a week's delivery.

2098-73

WISCONSIN PUBLIC SCHOOLS LUNCH PROGRAM: A SATELLITE SYSTEM.

Food Serv 34 (71): 43-45. Jul 1972.
389.2534 F732

Awards, Facilities planning and layout, Food preparation, School food service, School lunch programs, Wisconsin.

Abstract: The progressive satellite food serving program implemented by the district, Wisconsin public schools benefits from sound systems analysis on the part of management and is an integral part of the evolution toward pre-prepared food systems - which are now feasible through the linked capabilities of high quality food processors and equipment manufacturers. The system's flexibility is based on off-premise food preparation, using a central commissary with its attendant savings in time, labor, and costs.

2099-73

WHAT SCHOOLS ARE DOING: A ROUNDUP OF NEW AND UNUSUAL SCHOOL PRACTICES.

Nation's Schools 93 (5): 49-55. Nov 1972.
L82804.43

Budgeting, Educational administration, Equivalency tests, Food service training, Public relations, School food service, Teach-

her education, Work experience.

Abstract: This article summarizes a number of educational innovations in school food service, public relations, budgeting, equivalency credits for teachers, and computerization of attendance records. The food service innovation is a student-run cafeteria at Portland, Michigan, high school, where an unpopular, uneconomical Type A lunch has been replaced by a profitable menu of hamburgers, French fries, and milks.

2100-73

WHAT WAS THE RUTGERS STUDY?

Sch Foodserv J 27 (11): 30-31. Jan 1973.
389.8 SCH6

Commodities, Cost effectiveness, Marketing, Menu planning, New foods, Nutrient retention, School food service.

Abstract: USDA called meeting at Rutgers to discuss results of joint efforts between it, OEO, and state of New Jersey, concerning food service in schools.

2101-73

WHITE HOUSE CONFERENCE ON AGING - REPORT OF THE NUTRITION SECTION.

Margaret R Stewart
Nutr Program News 4 p. Mar/Apr 1972.
1.982 A24955

Administration policies, Elderly (65 + years), Federal government, Food programs, Nutrition.

Abstract: The Nutrition Section discussed the nutritional implications of the problems of the aging, established priorities among the nutritional needs of the elderly, and made recommendations for action. One of the recommendations is that "the Federal Government assume the responsibility for making adequate nutrition available to all elderly persons of the United States and its possessions." Included in this is the recommendation that a "minimum adequate income (at least \$3,000 per single person and \$4,500 per couple) must be available to all elderly."

2102-73

THE WHITE HOUSE CONFERENCE ON CHILDREN.

Sch Lunch J 25 (2): 60. Feb 1971.
389.8 SCH6

Children, Health.

Note: Brief comment on the 1970 White House Conference on Children, with brief commentary and list of overriding concerns.

2103-73

WHY SCHOOL LUNCH FAILS.

B Guttelhole
Sch Foodserv J 26 (3): 36-39. Mar 1972.
389.8 SCH6

Breast feeding, Children, Infants (1 to 2 years), Psychology, School lunch programs.

Abstract: Reprint of article from Family Health magazine, copyrighted September, 1971, dealing with psychological factors affecting acceptance of school lunch.

2104-73

WHY WON'T THEY EAT?

Sch Foodserv J 27 (11): 26. Jan 1973.
389.8 SCH6

Child nutrition programs, Costs, Food quality, School lunch programs.

Abstract: Six ways in which child nutrition programs, carried out in school lunch programs, can improve food quality while not increasing costs too high. Includes some suggestions for increasing participation, such as some variation in type A lunches to allow selection, and to make food more appealing.

2105-73

YOU TOO CAN START A FOOD PROGRAM.

Food Nutr 1 (1): 10-11. June 1971.
TX341.F615

Faally food donation programs, Food stamp programs, National School Breakfast Program, National School Lunch Program.

Abstract: Ways how professional, civic, religious, volunteer groups, and individuals can be involved in feeding people who need to be fed are dealt with. The programs included are: National School Lunch Program, National School Breakfast Program, special food service programs, food stamp programs and family food donation programs.

2106-73

10,000 CAME TO BREAKFAST.

Food Nutr 1 (2): 11. Aug 1971.
TX341.F615

Low income groups, Pennsylvania, School breakfast programs, School children (6-11 years).

Abstract: A free school breakfast program is described which has been started by Martin Weber, a Wyndwood, Pa., insurance agent, which serves almost 10,000 children every morning in Philadelphia's inner city elementary schools located in low income areas.

Recipes

- 2107-73
ALMOND SHRIMP FROM THE WELL OF THE SEA.
Cooking for Profit 41 (264): 30-31, Dec 1972.
TX901.C6
Commercial food service, Frying, deep fat, Recipes.
Abstract: Recipe for almond shrimp, a deep fat fried shrimp in batter and rolled in almonds, sauced with cranberry relish to which is added a sharp bite of mustard.
- 2108-73
AMERICAN ADJES LEARN TO COOK 3034.
Virginia T. Habeeb, Frances M. Crawford
Philadelphia, Chilton 67 p. illus. 1975.
TX663.A4 F6N
Cooking instruction, Food preparation, Study guides.
Abstract: This instruction book for the beginning cook provides step-by-step directions on the basic techniques of good cooking. Recipes are given for baked goods, entrees, beverages, salads, desserts, and confections.
- 2109-73
STANDARDIZING RECIPES FOR INSTITUTIONAL USE.
American Dietetic Association
Chicago, Ill. 32 p. 1957.
TX820.A43 F6N
Food preparation, quantity, institutional feeding, Standardized recipes.
Abstract: Most food service managers think about recipe standardization; some have active and successful standardization programs; others make an effort occasionally to develop a program; still others sense a need to do something about standardization but feel uncertain just how to tackle it. This bulletin is intended to help managers understand what a standardization program involves; to give suggestions on how to proceed with a new one or evaluate your present one; and to point out the important advantages a successful standardization program can offer a food service operator.
- 2110-73
AU GRATIN SANDWICHES ARE PATRON-PLEASERS.
Cooking for Profit 40 (241): 54, Jan 1971.
TX901.C6
Recipes, Sandwich-making, Sandwiches.
Abstract: Recipe for Alaska King crab sandwich au gratin.
- 2111-73
AUSTRIA: FLAVOR SECRETS FROM FOREIGN LANDS.
Food Prod Dev 5 (6): 18, Oct 1971.
HD9000.L.F64
Cakes, Cookery, Austrian, Flavorings, Recipes.
Abstract: This brief survey of Austrian cooking and flavoring includes a recipe for slawbuttertorte, an Austrian chocolate cake.
- 2112-73
BELGIUM: FLAVOR SECRETS FROM FOREIGN LANDS.
Food Prod Dev 6(1): 74, Feb/Mar 1972.
HD9000.L.F64
Belgium, Cookery, Cookery, Belgian, Cooking methods, Cooking techniques, Recipes.
Abstract: This article describes the general characteristics of Belgian cooking and gives a specific recipe for "Carbonnade Flamande," a Belgian beef stew cooked in beer.
- 2113-73
VEGETARIAN COOKERY 3: MAIN DISHES/VEGETABLES.
Patricia Hall Black, Ruth Little Carey
Mountain View, Calif., Pacific Press 126 p. illus. 1971.
TX837.B55 V. 3 F6N
Cookbooks, Cookery, vegetarian, Food composition tables, Main dishes, Recipes, vegetarian diets.
Abstract: This is a collection of more than 1,100 simple lacto-ovo-vegetarian recipes. The recipes have been used and tested by Seventh Day Adventist dietitians. Each recipe has a detailed nutritional analysis including calories, major nutrients, saturated and unsaturated fatty acids, phosphorus, sodium, and potassium.
- 2114-73
VEGETARIAN COOKERY 1: APPETIZERS/SALADS/BEVERAGES.
Patricia Hall Black, Ruth Little Carey
Mountain View, Calif., Pacific Press 96 p. illus. 1971.
TX837.B55 V. 1 F6N
Appetizers, Beverages, Cookbooks, Cookery, vegetarian, Food composition tables, Recipes, Salads, Vegetarian diets.
Abstract: This is a collection of more than 1,100 simple lacto-ovo-vegetarian recipes. The recipes have been used and tested by Seventh Day Adventist dietitians. Each recipe has a detailed nutritional analysis including calories, major nutrients, saturated and unsaturated fatty acids, phosphorus, sodium, and potassium.
- 2115-73
VEGETARIAN COOKERY 4: PIES/CAKES/COOKIES/DESSERTS.
Patricia Hall Black, Ruth Little Carey
Mountain View, Calif., Pacific Press 126 p. illus. 1971.
TX837.B55 V. 4 F6N
Batters and doughs, Cakes, Cookbooks, Cookery, vegetarian, Desserts, Food composition tables, Pies, Recipes, Vegetarian diets.
Abstract: This is a collection of more than 1,100 simple lacto-ovo-vegetarian recipes. The recipes have been used and tested by Seventh Day Adventist dietitians. Each recipe has a detailed nutritional analysis including calories, major nutrients, saturated and unsaturated fatty acids, phosphorus, sodium, and potassium.
- 2116-73
VEGETARIAN COOKERY 2: BREADS/SOUPS/SANDWICHES.
Patricia Hall Black, Ruth Little Carey
Mountain View, Calif., Pacific Press 93 p. illus. 1971.
TX837.B55 V. 2 F6N
Baking, Breads, Cookbooks, Cookery, vegetarian, Food composition tables, Recipes, Sandwiches, Soups, Vegetarian diets.
Abstract: This is a collection of more than 1,100 simple lacto-ovo-vegetarian recipes. The recipes have been used and tested by Seventh Day Adventist dietitians. Each recipe has a detailed nutritional analysis including calories, major nutrients, saturated and unsaturated fatty acids, phosphorus, sodium, and potassium.
- 2117-73
BREADS AROUND THE WORLD.
A. Manno
Forecast Hese Econ 18 (7): F14-F15, F37-F39, Mar 1973.
321.8 H752
Breads (Yeast), Cooking methods, Recipes.
Abstract: New cooking methods and recipes for European yeast breads are given.
- 2118-73
COOKING AND CATERING THE WHOLEFOOD WAY.
Ursula M. Cevenagh
London, Faber and Faber 140 p. 1970.
TX820.C35 F6N
Food preparation, quantity, Menu planning, Organic foods, Recipes, Whole grain.
Abstract: For those who cater for large numbers of people, this book gives practical instructions for recipes with emphasis on natural wholefoods, such as stone ground wholewheat flour, brown sugar, natural unpolished rice, honey, free-range eggs, and so on. There is a list of dishes for menu planning at the beginning of each chapter, and specimen menus for three weeks at the end of the book. There is also a list of suggested additions to the store cupboard and information about wholefood suppliers.
- 2119-73
CELERY: THE CRUNCH KIDS LIKE.
M. Lengel
Sch Foodserv J 26 (1): 67-69, Jan 1972.
349.8 SCH6
Celery, Recipes, School lunch programs, Vegetables.
Abstract: Suggestions for the use of celery, together with some new recipes.
- 2120-73
CHEESE COOKERY FOR EVERYONE.
H. Sanstadt
Cooking for Profit 41 (253): 34-41, Jan 1972.
TX901.C6
Appetizers, Cheese, Commercial food service, Desserts, Food preparation, Main dishes, Nutrient values, Recipes.
Abstract: Use of cheese in America is growing. Wide variety to suit every taste, top nutritional benefits, make it easy to upgrade your menu from appetizer to dessert.
- 2121-73
THE CHINESE ACHIEVEMENT.
Bruce Smith
Food Serv 33 (8): 9-14, Aug 1971.
369.2538 F732
Convenience foods, Cookery, Chinese, Cookery, Oriental, Cooking techniques, Food preparation, Recipes.
Abstract: Historically, there are five basic regional cuisines of China: (a) the Canton school, with three essential food preparation methods--steaming, roasting, and grilling; (b) the Fukien school, an amalgam of the best in Chinese cooking and the most eclectic cuisine; (c) the Hoken school, featuring the great error of sweet and sour dishes; (d) the Shantung school, emphasizing the wine sauce, with little actual steaming; and (e) the Szechwan school--its essential quality is one of hot spice. The two simplest and fastest methods of classic Chinese food preparation are "stir-frying" and deep-frying. Color photos illustrate many attractive menu items. Recipes are available.

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PAGE 167

2122-73

2122-73

COLD OUTSIDE? SERVE THESE HEARTY MAY'S SOUPS.
L. McKeen
Cooking for Profit 40 (241): 36-39, 69, Jan 1971.
TX901.C6
Recipes, Soups.
Abstract: Recipes for hot soups for winter service.

2123-73

COLD WEATHER MAGIC FROM YOUR OVEN.
American Institute of Baking
Soc Lunch J 24 (11): 20-23, Jan 1970.
389.8 SC46
Baking, Food preparation, Quantity, Main dishes, Recipes.
Abstract: Recipes for baked dishes.

2124-73

CREATIVE WAYS WITH SOFT SERVE.
L. McKeen
Cooking for Profit 40 (243): 33-35, Mar 1971.
TX901.C6
Frozen desserts, Ice cream, Recipes.
Abstract: Ideas and recipes for use of soft serve ice cream in desserts.

2125-73

CULINARY LIGHTS FROM LATIN AMERICA.
Bruce Smith
Food Serv 33 (12): 19-26, Dec 1971.
389.2535 F732
Convenience foods, Cookery, Latin American, Merchandising.
Abstract: Latin American cookery is derived from Spanish, Portuguese, African, and native Indian antecedents transformed by the local availability of foods, and simmered slowly through history. Mexican food is most familiar in the United States; other cuisines share some of the characteristics of Mexican fare but are generally less hot. The abundance of corn, chili peppers, tomatoes, potatoes, beans, chocolate, cashews, vanilla, avocados, and pineapples throughout Latin America has left its mark on the cookery. This article is illustrated lavishly with photographs of frozen Latin American entrées.

2126-73

DEVELOPMENT AIDS. RECIPES FOR REPLACING GROUND MEAT AND POULTRY IN SCHOOL LUNCH ITEMS.
Food Prod Dev 5 (6): 85, 90, Oct '971.
HD9000.I.F64
Recipes, Textured vegetable proteins, Type A lunch.
Abstract: A recipe brochure is available from a manufacturer of textured vegetable protein.

2127-73

THE FAIR PEAR.
Food Serv 34 (9): 30-34, Sept 1972.
389.2535 F732
Canned foods, Cookery, Fruits, Pears, Recipes.
Abstract: Canned or fresh Bartlett pears are natural convenience products. The Bartlett is the favorite variety of the canning industry. Northern California through Oregon provides 94 per cent of all commercially canned pears in the U.S. Purchasing information is given for both fresh and canned pears, and nutritive value is reviewed. Recipes are available for poires cotta rapides, poires à la baroness (a meringue dessert), and crêpe de menthe sauce. Suggestions are given for combining pears with other foods.

2128-73

FISH-FONDUE/NAUTILUS CULINARIS!
Cooking for Profit 40 (249): 30-33, Sept 1971.
TX901.C6
Commercial food service, Fish, Food preparation, Recipes, Seafood.
Abstract: Fish and seafoods in fondues suggested, with a recipe for salmon fondue.

2129-73

FLAVOR SECRETS FROM FOREIGN LANDS: BRAZIL.
Food Prod Dev 5 (9): 85, Dec/Jan 1972.
HD9000.I.F64
Cookery, Brazilian, Flavorings, Recipes.
Abstract: This brief summary includes a recipe for "picadinho," a Brazilian ground beef dish.

2130-73

FLAVOR SECRETS FROM FOREIGN LANDS: COLOMBIA.
Food Prod Dev 6 (3): 50, May 1972.
HD9000.I.F64
Colombia, Cookery, Cookery, Colombian, Cooking techniques, Food preparation, Recipes.
Abstract: This article provides information on the general characteristics of Colombian cuisine and gives a recipe for "Cocido Serrano," a beef and vegetable stew.

2131-73

FLAVOR SECRETS FROM FOREIGN LANDS: HOLLAND.
Food Prod Dev 5 (5): 74, Oct 1972.
HD9000.I.F64
Cookery, Dutch, Flavorings, Recipes.
Abstract: This article tells how the Dutch use spices, cheeses, and other flavors. A recipe for fish cakes, "Vischkoekjes," is included.

2132-73

FLAVOR SECRETS FROM FOREIGN LANDS: JAMAICA.
Food Prod Dev 6 (2): 16, Apr 1972.
HD9000.I.F64
Cookery, Jamaican, Flavorings, Recipes.
Abstract: This brief summary features a recipe for Jamaican shrimp stew, utilizing some uniquely Jamaican flavoring combinations.

2133-73

FLAVOR SECRETS FROM FOREIGN LANDS: NORTH ITALY.
Food Prod Dev 6 (4): 28, Jun/Jul 1972.
HD9000.I.F64
Cookery, Italian, Flavorings, Recipes.
Abstract: Northern Italian cookery emphasizes dairy foods rather than tomatoes. In contrast with the tomato-rich southern Italian cookery Americans are familiar with. The spices and pasta are described, and a recipe for "cannelloni" is given.

2134-73

FLAVOR SECRETS FROM FOREIGN LANDS: POLAND.
Food Prod Dev 6 (7): 18, Nov 1972.
HD9000.I.F64
Cookery, Polish, Flavorings, Recipes.
Abstract: Polish food is characterized by caraway seeds and pickling. This review includes a recipe for Polish noodles and cabbage.

2135-73

FLAVOR SECRETS FROM FOREIGN LANDS: PUERTO RICO.
Food Prod Dev 6 (5): 44, Aug/Sept 1972.
HD9000.I.F64
Cookery, Cookery, Puerto Rican, Cooking techniques, Puerto Rico, Recipes.
Abstract: This article provides a description of the important features of Puerto Rican cuisine, and gives a recipe for Puerto Rican pudding with spiced whipped cream.

2136-73

FLAVOR SECRETS FROM FOREIGN LANDS: RUSSIA.
Food Prod Dev 7 (1): 78, Feb 1973.
HD9000.I.F64
Cookery, Cookery, Russian, Cooking techniques, Recipes, USSR.
Abstract: This article provides a brief summary of the highlights of Russian cuisine and gives a recipe for "Svinog Kottlety s Sosom ili Kislykh Vishen" (breaded pork chops with cherry sauce).

2137-73

FLAVOR SECRETS FROM FOREIGN LANDS: SZECHWAN.
Food Prod Dev 7 (2): 46, Mar 1973.
HD9000.I.F64
Cookery, Chinese, Flavorings, Recipes.
Abstract: Szechwan cookery is typically spicier than the more familiar Cantonese foods, and meats and vegetables are incorporated. A recipe for spicy Szechwan chicken and walnuts is included in this brief review.

2138-73

FLAVOR SECRETS FROM FOREIGN LANDS: TURKEY.
Food Prod Dev 6 (8): 16, Dec/Jan 1973.
HD9000.I.F64
Cookery, Cookery, Turkish, Cooking techniques, Recipes, Turkey (Country).
Abstract: This article provides information on the important characteristics of Turkish cuisine and gives a recipe for "Dolmasi" (stuffed eggplant).

2139-73

THE FLOURISH OF TABLESIDE COOKING.
Nancy Snider
Inst/vol Feeding 69 (8): 35-37, Aug 15, 1971.
TX820.15
Cookery, Cooking techniques, Recipes.
Abstract: This column features tableside cooking--what to cook and how to cook it. A recipe for poached oranges is included.

2140-73

FROM NEW ENGLAND - MENU AND MERCHANDISING NOTES.
Bruce Smith
Food Serv 34 (2): 25-32, Feb 1972.
389.2538 F732
Convenience foods, Cookery, New England, Food preservation, Menu planning, Merchandising.
Abstract: Preserved foods have always been the basis of New England cookery--jams, jellies, relishes, meats such as corned beef, and so forth. New Englanders can be credited also with being the first Americans to use frozen foods, such as oysters, cranberries, and lobster. Menu items are presented that are geared for implementation within low-labor input systems. Color photographs and descriptions depict merchandising ideas for: New England fish chowder; lamb kidney in casserole; Yankee herb and sausage casserole; stuffed English lamb chop; Cape Cod cranberry mold; New England oach slump; glazed apricot-prune pie; and Concord grape tipsy parson.

2141-73

FROM THE MEDITERRANEAN, SALAD NICOTISE.
Cooking for Profit 40 (252): 14-15, Dec 1971.
TX901.C6
Commercial food service, Recipes, Salads.

PAGE 168

- Abstract: Recipe for salad nicolise.
- 2142-73
FRY AWAY TO PROFITS; DON'T LET YOUR FRY KETTLE IDLE!
B Teylor
Cooking for Profit 40 (242): 31-33, 36, 52, Feb 1971.
TX901.C6
Frying, deep fat, Recipes.
Abstract: Deep fat frying ideas and recipes.
- 2143-73
THE GUIDE TO CONVENIENCE FOODS: HOW TO USE, PLAN, PREPARE, PRESENT.
Aime G Rausch
Chicago, Patterson Publishing Co. 302 p. illus. 1968.
TX621.G8 F54
Convenience foods, Equipment, Food preparation, quantity, Menu planning, Recipes.
With recipe card files.
Abstract: Intended for restaurant or institutional food service workers, this guidebook is a compendium of convenience foods--when and how they should be used, where and how they can be purchased, and their advantages and disadvantages over traditional foodstuffs. Menus and recipe cards are provided with detailed instructions for their use.
- 2144-73
ICE CREAM COCKTAILS: A PROFIT POTENTIAL.
Cooking for Profit 41 (262): 42, 44-45, Oct 1972.
TX901.C6
Alcoholic beverages, Commercial food service, Desserts, Ice cream, Recipes.
Abstract: Chiefly recipes for dessert drinks, a combination of liquors and soft ice cream.
- 2145-73
IDEAS THAT GEL.
D Zimsteg
Sch Lunch J 25 (110, 24, 9): 50, 52, Oct 1970.
389.4 SCH6
Gelatin, Proteins, Recipes, School food service.
Abstract: Definitions of terms and recipes for use of unflavored gelatin to add proteins in school lunches.
- 2146-73
INDONESIAN RACK OF LAMB.
Cooking for Profit 41 (257): 62-63, May 1972.
TX901.C6
Commercial food service, Lamb, Peanuts, Recipes, Sauces.
Abstract: Marinated, flame-seared lamb, served with broiled cling peach filled with chutney, and a pungent peanut sauce for which the recipe is included.
- 2147-73
THE PROFESSIONAL CHEF'S CATERING RECIPES.
Institutions Magazine/Volume Feeding Management
Chicago, Ill. 88 p. 1971.
TX740.15 F64
Appetizers, Catering, Desserts, Main dishes, Recipes, Salads.
Abstract: This book of recipes includes items from catering companies in all areas of the United States, as well as dishes from other sources that are especially suited to the needs of catering companies.
- 2148-73
INTERPRETING A RECIPE (TRANSPARENCIES).
Shirley Ringold
Minnesota Mining and Manufacturing Company, Visual Products Division
St. Paul, Minnesota Mining and Manufacturing Co. 23 transparencies, color, 8 1/2 x 11. 1968.
TX715.15 F64 AV
Cookery, Cooking instructions, Cooking methods, Cooking techniques, Recipes, Standardized recipes.
For use with overhead projector. Includes a teacher's guide.
Abstract: This set of transparencies is a guide for beginning cooks. The frames cover basic information needed for accurate reading of a recipe--terminology, measurements, and techniques for mixing, blending, and cooking.
- 2149-73
THE ITALIAN INVITATION.
Bruce Smith
Food Serv 33 (7): 13-18, 20, Jul 1971.
389.2535 F732
Cookery, Italian, Cooking techniques, Recipes.
Abstract: The various forms of pasta, vegetables, and herbs and spices are basic to Italian cuisine and are also familiar to the U.S. taste. Featured here is antipasto (the hors d'oeuvre) and easy entrees. Recipes are available from the magazine. A primer on pasta preparation is included, and attention is given to uses of seasonings.
- 2150-73
JAZZ UP WINTER MENUS.
M Royner
Sch Foodserv J 27 (11): 40-42, Jan 1973.
389.8 SCH6
Main dishes, Recipes, School food service.
Abstract: Four main dish recipes to add sparkle and interest to winter school lunches.
- 2151-73
KRAUT'S WINNING WAYS.
M Royner
Sch Lunch J 24 (10): 42, 44, Nov/Dec 1970.
389.8 SCH6
Food composition (E.P.), Recipes, Sandwiches, Sauerkraut.
Abstract: Use of kraut in pizza, sandwiches, tacos.
- 2152-73
THE ART OF FISH COOKERY.
Hile Hloradovich
Garden City, N.Y., Doubleday 457 p. 1970.
TX747.H5 F64
Cookbooks, Cookery, Fish, Food preparation, Food purchasing, Recipes, Shellfish.
Revised.
Abstract: This basic book is meant to be used as a guide to selecting and serving more flavorful and nutritious fish and shellfish. It also includes the history and legendry of many of the fish and shellfish found all over the world. The identification charts show many of the fresh species as well as soaked, canned and frozen seafoods. These charts are intended as guides for selecting any given recipe to prepare any particular fish in all the ways shown for a similar species. In other words any lean fish may be prepared using the various recipes given for another lean fish. The variations and suggestions are given at the end of each recipe.
- 2153-73
NEW LOW-COST FISH RECIPES PASS CHILD TEST.
Sch Foodserv J 25 (10): 54, 57-60, 62, 65, Nov/Dec 1971.
389.3 SCH6
Fish, Food service management, Main dishes, Recipes, School food service.
Abstract: Child-tested recipes for fish in main dishes.
- 2154-73
NOTEBOOK ON SOY: HOW TO USE SOY IN RECIPES.
O M Batchor
Sch Foodserv J 26 (7): 78, 80-81, 83, Jul/Aug 1972.
389.8 SCH6
Food preparation, Recipes, School food service, Soybean products, Textured vegetable proteins, Type A lunch.
Abstract: Recipes for use of textured vegetable proteins in various ground beef dishes.
- 2155-73
ON THE COVER: SAVORY STEAK ROLLS CAN BE MADE WITH LESS TENDER CUTS OF BEEF.
Cooking for Profit 42 (263): 40, Jan 1973.
TX901.C6
Beef, Commercial food service, Recipes.
Abstract: Recipe for steak rolls in olive sauce, an American adaptation of the European roulade.
- 2156-73
PEACH BAKE-OFF.
Sch Foodserv J 26 (6): 38-39, June 1972.
389.3 SCH6
Food preparation, Peaches, Recipes, School food service, Taste panels.
Abstract: Cling peaches were the only required ingredient for the various recipes tasted as a result of the "cling peach parade" for California school lunch menus. The 9 recipes are included.
- 2157-73
PORTUGAL: FLAVOR SECRETS FROM FOREIGN LANDS.
Food Prod Dev 5 (5): 32, Aug/Sept 1971.
HD9000.LF64
Cookery, Cookery, Portuguese, Cooking instruction, Cooking techniques, Portugal, Recipes.
Abstract: This article describes the prime ingredients and characteristics of Portuguese cuisine, and then gives an eight-portion recipe for Portuguese Boatman's Stew.
- 2158-73
PRIZE PEACH CREATIONS.
Sch Foodserv J 26 (110, 25, 81): 42-44, Sept 1971.
389.8 SCH6
Peaches, Recipes, School lunch programs.
Abstract: Best original recipes of 150 entered; selections made in terms of nutrition, flavor, and practicality for school lunch programs.
- 2159-73
PUT EGG IN YOUR PIZZA.
C S Doolittle
Sch Lunch J 25 (2): 50, Feb 1971.
389.8 SCH6
Adolescents (12-19 years), Eggs, Frozen foods, Proteins, Recipes, School children (6-11 years), Type A lunch.
Abstract: Frozen whole eggs in a pizza recipe found good reception as a Type A lunch among elementary school children, and to a less extent in Junior and senior high school students.
- 2160-73
RECIPES ON PARADE.
M Royner
Sch Foodserv J 27 (21): 58-60, Feb 1973.
389.8 SCH6
Main dishes, Recipes, School lunch programs.

2161-73

Abstract: February is the month of outstanding American presidents. Coordinate your decorations with these colorful and pleasing recipes for main dishes.

2161-73

A RENAISSANCE OF NATURAL CHEESES.

Food Serv. 32 (17): 25-26, Jul 1970.
389,2535 F732

Cheese, Milk products, Recipes.

Abstract: Cheese is essential to the creation of cuisines from all lands. Without it, there would be no pizza, no lasagne, no fondue, no cheesebake, no quiche Lorraine, and no cheeseburgers. A recipe file of cheese-based delicacies is available from Food Service Magazine. Included are a casino sandwich, veal Cordon Bleu, Mexican dogs, Sierra Onions, parmesan cheese balls, taco salad, blue cheese cake, grilled provolone, and lasagna.

2162-73

RICE AND EVERYTHING NICE.

Cooking for Profit 41 (253): 44-48, Jan 1972.

TX901.C6

Commercial food service, Desserts, Recipes, Rice.

Abstract: Rice recipes for accompanying main dishes or as desserts. Rice is easy to cook, easy to hold, refrigerate, or freeze. It is low in cost and goes well with a wide variety of foods.

2163-73

RUSSIAN-AMERICAN FOOD PATTERNS.

Theresa Soulsby

J Nutr Educ 4(4): 170-172, Fall 1972.

TX361.J5

Cookery, Russian, Cultural factors, Diet patterns, Food habits, Religious dietary laws.

Extract: Contrary to popular belief, Russians do not live on vodka and caviar alone. The purpose of this article is to serve as a brief introduction to the Russian cuisine as adapted to the food supplies available in the United States.

2164-73

SALAD SPECTACULAR TEMPTING TYPE A'S.

Sch Foodserv J 25 (31): 12-16, 18, Mar 1972.

389,6 SC46

Recipes, Salads, School food service, Type A lunch.

Abstract: Recipes for salads and salad plates fulfilling Type A lunch requirements.

2165-73

SEAFOOD WORLD.

Cooking for Profit 41 (261): 29-33, 35-36, Sep 1972.

TX901.C6

Commercial food service, Fish, Food preparation, Shellfish. Abstract: Fifty-nine ideas for serving seafood, with added information on each idea.

2166-73

SOUP: SERVE IT WITH FLAIR.

Cooking for Profit 42 (267): 20-23, Mar 1973.

TX901.C6

Commercial food service, Convenience foods, Food service industry, Soups.

Abstract: Soup for any meal, with new ideas for serving it.

2167-73

SOUTHERN CUISINE: MERCHANDISING AND MENU NOTES.

Bruce Smith

Food Serv. 34 (19): 21-23, Sept 1972.

389,2535 F732

Convenience foods, Cookery, American, Cooking techniques, Recipes.

Abstract: Elegance and hospitality epitomize Southern cookery. Because of the South's great agricultural resources, vegetable dishes abound as culinary delights (cheese and nutmegs are used often). Other typical foods include corn bread, black-eyed peas, rice, salt pork, fish, chicken, and dazzling desserts. Recipes are available. All dishes mentioned in the article make heavy use of food products on the "raw-to-ready" scale.

2168-73

STRAWBERRY TIME.

J M Johnson

Sch Lunch J 25 (7): 78, 81, Jul/Aug 1971.

389,6 SCH6

Berries, Recipes, School food service.

Abstract: Recipes developed for use of strawberries in school food service.

2169-73

SUPER SANDWICHES SAVE THE DAY.

M Roydon

Sch Foodserv J 27 (31): 32-35, Mar 1973.

389,6 SCH6

Recipes, Sandwiches, School food service.

Abstract: Few sandwich recipes needing only addition of fruit or vegetables, and one-half pint milk, to meet Type A lunch requirements.

2170-73

TACOS--TASTE TREAT FOR TOTS TO TEENS.

S J Rellie

Sch Lunch J 25 (2): 36, 38, Feb 1971.

389,6 SCH6

Adolescents (12-19 years), Cookery, Mexican, Cooking techniques, Main dishes, Recipes, School children (6-11 years).

Abstract: Recipe and cooking technique for preparation of tacos; 20 pounds ground meat makes filling for 400 tacos, 2 for each child's serving.

2171-73

COOKING FOR SMALL GROUPS.

U.S., Agricultural Research Service, Consumer and Food Economics Research Division

Washington, D.C. 22 p. 1972.

TX820.U5 F6N (U.S. Agricultural Research Service. Home and garden bulletin no. 197)

Food preparation, Quantity, Menu planning, Standardized recipes.

Extract: Recipes in this bulletin have been selected and standardized to help people who prepare food for small-group gatherings. You will find recipes for main dishes, vegetables, salads, breads, and desserts. Calories per serving are given for each recipe. Menus for luncheon or dinner are included to suggest ways of serving many of the recipes in this bulletin.

2172-73

MILK IN FAMILY MEALS; A GUIDE FOR CONSUMERS.

U.S., Agricultural Research Service, Consumer and Food Economics Research Division

Washington, D.C. 22 p. 1972.

TX759.U5 F6N (U.S. Agricultural Research Service. Home and garden bulletin no. 127)

Food preparation, Milk, Milk products, Recipes.

Revised.

Extract: Milk is a basic food that everyone in the family needs every day. This bulletin contains information about milk and milk products--cream, ice cream, and other frozen desserts. Recipes using milk are also included.

2173-73

MONEY-SAVING MAIN DISHES.

U.S., Agricultural Research Service

Washington, D.C. 48 p. 1970.

TX652.7.U5 F6N (U.S. Agricultural Research Service. Home and garden bulletin no. 43)

Food preparation, Food selection, Main dishes, Menu planning, Recipes.

Revised.

Abstract: This bulletin brings together information on the selection and preparation of the main dish for the noon or evening meal. For each main dish presented, one serving will provide about one-fourth or more of the day's protein needs for one person. Meats usually will cost more as a source of protein for the main dish than dry beans, eggs, and combination main dishes. The main-dish recipes for meat feature the less costly kinds--for example, beef chuck and pork shoulder rather than beef rib and pork loin. Economy of time, as well as of money, has been considered in the selection of the main dishes and menus and in the suggestions for good management.

2174-73

LET'S COOK FISH; A COMPLETE GUIDE TO FISH COOKERY.

U.S., Fish and Wildlife Service

Washington, D.C. 55 p. illus. in.d.l.

TX747.U5 F6N (U.S. Fish and Wildlife Service. Fishery market development series no. 8)

Cookery, Cooking methods, Fish, Food preparation, Guides.

Abstract: How to buy, store, clean, and cook fish is the subject of this book. A guide to the nutritive value of fish, recipes, and a list of fish cookery publications are included.

2175-73

GUIDES FOR WRITING AND EVALUATING QUANTITY RECIPES FOR TYPE A SCHOOL LUNCHESES.

U.S., Food and Nutrition Service

Washington, D.C. 49 p. 1969.

TX652.U5 F6N

Evaluation, Recipe writing, School food service, Standardized recipes, Type A lunch.

Abstract: This publication was prepared to facilitate the work of the U.S. Department of Agriculture in providing technical assistance in the development of materials for school lunch and to provide those responsible for preparing the lunches with uniformly written recipes from all sources.

2176-73

FOOD GUIDE & RECIPE BOOK FOR THE DRIVE TO SERVE PROGRAM.

U.S., Food and Nutrition Service

Washington, D.C. 66 p. 1971.

TX840.E5U5 F6N

Drive to serve program, Elderly (65 + years), Food guides, Food programs, Recipes.

Abstract: This recipe book provides recipes, mostly in two-serving sizes, that are popular with older people participating in the USDA Family Food Distribution Program.

2177-73

FAVORITE QUANTITY RECIPES FOR TYPE A SCHOOL LUNCHESES, VOL. 2.

U.S., Food and Nutrition Service

Washington, D.C. 19 p. 1970.

- TX820.J52 F5N**
Food Preparation, quantity, Standardized recipes, Type A lunch.
Abstract: This is a book of popular recipes that fall within the type A lunch regulations.
- 2178-73**
VEAL CORRODY BLEU A LA MAOERS.
Cooking for Profit 40 (249): 34-35, Sept 1971.
TX901.C6
Cooking methods, Recipes, Veal.
Abstract: Katherine Mader's recipe and suggestion for veal cutlets with delectable ham and Swiss cheese.
- 2179-73**
VIVA ESPANA!
Bruce Saltz
Food Serv 33 (5): 21-25, June 1971.
349.2534 F732
Cookery, Spanish, Merchandising, Recipes, Seasonings.
Abstract: As yet, there is not a wide latitude of totally prepared Spanish items nationally available. However, menu additions can be assembled from a wide range of low-labor-input ingredients. Various colorful dishes are described. The special spices of Spain are reviewed by description and use. Included are paprika, saffron, garlic, onion, parsley, cumin seed, cinnamon, oregano, basil, thyme, silt, bay leaves, and pepper.
- 2180-73**
A BOOK OF FAVORITE RECIPES.
West Virginia School Food Service Association
Kansas City, Mo., Circulation Service 134 p. 1965.
TX840.5344 F6N
Food Preparation, quantity, Recipes, School food service, Standardized recipes, Type A lunch.
Abstract: This book contains recipes, cooking and serving instructions, and information on Type A lunches.
- 2181-73**
THE TECHNIQUES OF CULINARY ARTISTRY FOR SCHOOL BANQUETS, LUNCHEONS, AND TEAS.
Willowbrook School District
Los Angeles, Calif. 9 p. (n.d.).
TX820.W5 F6N
Banquets, Cookery, Food preparation, quantity, School food service.
Abstract: For the quantity cook who works special banquets, luncheons, etc., this book provides advice on planning and recipes for everything from food centerpieces to entrees, baked goods, and fruit and vegetable concoctions.
- 2182-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 3: CATFISH TO CRENSHAW.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Cheese, Cookbooks, Cookery, Cookery, Chinese, Encyclopedias, Menu planning, Poultry, Recipes.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instructions on buying, preparation and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume three features: Chafing Dish Cookery; Cheese Cook Book; The Art of Chinese Cookery; Chocolate Cook Book; Christmas Cookery; Grandeur Minnie's Cookie Cakes; and Creams and Custards.
- 2183-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 1: ABALONE TO BEANS SPROUTS.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Barbecuing, Cookbooks, Cookery, Cookery, American, Cookery, Austrian, Encyclopedias, Menu planning, Recipes.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instructions on buying, preparation and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume one features: American Cooks Are Good Cooks; American Cook Book; Appetizer Cook Book; Apple Cook Book; Apricot Cook Book; Aspics; Austrian Cookery; Barbecue Cookery; and Bean Cook Book.
- 2184-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 10: QUAIL TO SORREL.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Cookbooks, Cookery, Cookery, Russian, Encyclopedias, Food preparation, quantity, Menu planning, Recipes, Salads, Sandwiches.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instruction on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume ten features: Quantity Cooking Cook Book; Rice Cook Book; Russian Cookery; Salad Cook Book; Sandwich Cook Book; Sauce Cook Book; Sausage Cook Book; and Shrimp Cook Book.
- 2185-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 11: SOUFFLE TO TONGUE.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Cookbooks, Cookery, Cookery, Southeast Asian, Cookery, Southern, Cookery, Spanish, Cookery, Swedish, Encyclopedias, Menu planning, Recipes.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instruction on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume eleven features: Souffles; Soup Cook Book; Sour-cream Cook Book; South American Cookery; Southeast Asian Cookery; Southern Cookery; Southwestern Cookery; Spanish Cookery; and Swedish Cookery.
- 2186-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 12: TOPPING TO ZWIEBACK PLUS 150 WAYS TO BE A BETTER COOK.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Cookbooks, Cookery, Encyclopedias, Menu planning, Poultry, Recipes, Tuna, Veal, Vegetables.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instruction on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume twelve features: Tripe; Tuna Cook Book; Turkey Cook Book; Veal Cook Book; Vegetable Cookery; Western Cookery; and Zabaglione.
- 2187-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 2: BEARNAISE TO CASSOLET.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Braising, Breads, Cookbooks, Cookery, Cookery, Belgian, Cookery, Canadian, Encyclopedias, Menu planning, Recipes.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instructions on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume two features: a Beef Cook Book; Belgian Cookery; Braising; Bread Cook Book; Cake Cook Book; Canadian Cookery; The Art of Carving; and a Casserole Cook Book.
- 2188-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 4: CREOLE COOKERY TO FINNAN HADDIE.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Cookbooks, Cookery, Cookery, Creole, Cookery, Czechoslovakian, Cookery, Danish, Cookery, English, Encyclopedias, Menu planning, Recipes.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instructions on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume four features: Creole Cookery; Czechoslovakian Cookery; Danish Cookery; Dutch Cookery; Egg Cook Book; and English Cookery.
- 2189-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 5: FINNISH COOKERY TO GUMDROP.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Cookbooks, Cookery, Cookery, Finnish, Cookery, French, Cookery, German, Cookery, Greek, Encyclopedias, Menu planning, Recipes.
Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 50 "special cook books;" and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instructions on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining menu planning, herbs and spices are included. Volume five features: Finnish Cookery; Fish Cook Book; Frankfurter Cook Book; French Cookery; German Cookery; and Greek Cookery.
- 2190-73**
WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 6: HADDOCK TO KID.
New York, Fawcett 163 p. illus. 1966.
TX349.W6 F5N
Cookbooks, Cookery, Cookery, Hungarian, Cookery, Italian, Cookery, Japanese, Cookery, Jewish, Encyclopedias, Menu planning, Recipes.

2191-73

Ing, Recipes.

Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 53 "special cook books," and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instruction on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining, menu planning, herbs and spices are included. Volume six features: Hamburger Cook Book; Herb Cookery; Hungarian Cookery; India's Cookery; Irish Cookery; Italian Cookery; Japanese Cookery; and Jewish Cookery.

2191-73

WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 7: KIDNEY TO MOCHA. New York, Fawcett 163 p. illus. 1956.

TX349.W6 F5N

Cookbooks, Cookery, Cookery, Korean, Cookery, Mexican, Encyclopedias, Lamb, Menu planning, Recipes.

Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 53 "special cook books," and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instruction on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining, menu planning, herbs and spices are included. Volume seven features: a Kidney Tour of Europe; Korean Cookery; Lamb Cook Book; Leftovers; Low Calorie Cook Book; Meat Loaves; Mexican Cookery; and Midwestern Cookery.

2192-73

WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 8: MOISTEN TO PECAN. New York, Fawcett 163 p. illus. 1956.

TX349.W6 F5N

Cookbooks, Cookery, Cookery, Near Eastern, Cookery, New England, Cookery, Norwegian, Encyclopedias, Menu planning, Recipes.

Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 53 "special cook books," and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instruction on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining, menu planning, herbs and spices are included. Volume eight features: Mussels; Mushroom Cook Book; Near Eastern Cookery; New England Cook Book; Norwegian Cookery; Onion Cook Book; Outdoor Cooking; Oysters; Pates; Peach Cook Book; Peanut-butter Cook Book; and Pear Cook Book.

2193-73

WOMAN'S DAY ENCYCLOPEDIA OF COOKERY, VOL. 9: PECTIN TO PUREE. New York, Fawcett 163 p. illus. 1956.

TX349.W6 F5N

Cookbooks, Cookery, Cookery, Polish, Cookery, Polynesian, Cookery, Portuguese, Cookery, Puerto Rican, Encyclopedias, Menu planning, Recipes.

Abstract: This 12-volume encyclopedia contains over 8,500 recipes, 1,500 color illustrations, 1,200 menus, 53 "special cook books," and over 1,000 food definitions. Each food is described in detail, with nutritive and caloric values and instruction on buying, preparation, and serving. A history of foods and cooking, and articles on nutrition, diet, entertaining, menu planning, herbs and spices are included. Volume nine features: Pennsylvania Dutch Cookery; Petits Fours; Philadelphia Cookery; Polish Cookery; Polynesian Cookery; Portuguese Cookery; Potato Cook Book; Pot Roast Cook Book; Pudding Cook Book; and Puerto Rican Cookery.

2194-73

YAMS BRIGHTEN WINTER LUNCHEES.

J Johnson

Sen Lunch J 25 (3): 53, Mar 1971.

359.8 SCH6

Recipes, School food service, Vegetables.

Abstract: Suggestions and recipes for use of Louisiana yams in menus and recipes.

statistical analyses, name changes, and a list of state officials are also included.

2196-73

OFFICIAL GEO CENTERS.

American Council on Education
Washington, D.C. 48 p. 1972.

U400.3.A423 F6N

Directories, Equivalency tests, General Educational Development, Program administration.

Abstract: This directory lists the official General Educational Development Testing Service Centers authorized to conduct the GEO testing Program. The Testing Service operates under the direction and supervision of the Commission on Accreditation of Service Experiences.

2197-73

AMERICAN JUNIOR COLLEGES. 8th ed.

American Council on Education

Edmund J Gleazer, Jane Fellert Cooke

Washington, D.C. 850 p. 1971.

L901.A53 F6N

Directories, Junior colleges, Vocational education.

Abstract: This edition includes descriptions of 811 two-year institutions and two-year units of four-year institutions in the United States, Canal Zone, and Puerto Rico. All are regionally accredited or are recognized candidates for accreditation. Public and private colleges appear in separate sections, with each section introduced by an essay. In the public section, each state is introduced by information about the governance, financing, extent, and plans of the junior colleges system in that state. New information in the college exhibits includes faculty listings by department and by rank where pertinent, fields in which work experience is available, courses in the cultures of minority groups, new programs of study, student participation in college governance, detailed lists of media holdings, and special training facilities.

2198-73

HOME ECONOMICS RESEARCH ABSTRACT: 7, FOOD AND NUTRITION.

American Home Economics Association

Washington, D.C. annual. 1968-1971.

TX165.A1A42 F6N

Bibliographies, Dietary surveys, Food habits, Food quality, Metabolic studies, Nutrition, Nutrition education, Nutritional status, Research.

Abstract: This compilation contains abstracts of research (masters' theses and doctoral dissertations) completed in the area of Food and Nutrition for the years 1968 through 1971.

2199-73

HOME ECONOMICS RESEARCH ABSTRACTS: 2, INSTITUTION ADMINISTRATION.

American Home Economics Association

Washington, D.C. annual. 1967-1971.

TX165.A1A4 F6N

Bibliographies, Home economics, Institutional administration, Research.

Abstract: This compilation contains abstracts of research (masters' theses and doctoral dissertations) completed in the area of Institution Administration for the years 1967 through 1971.

2200-73

HANDBOOK OF HOUSEHOLD EQUIPMENT TERMINOLOGY.

American Home Economics Association

Washington, D.C. 50 p. 1970.

TX656.A4 F6N

Equipment, Home economics, Vocabulary.

Revised.

Abstract: This handbook of household equipment terminology is a compilation of a list of generic terms often used in references to major appliances. It includes ranges, gas and electric refrigerators, gas and electric food freezers; air conditioners; barbecue equipment; dishwashers; washers; dryers; and ironers. In addition to specific lists of terms, there is a general grouping of related terms. The book promotes uniform usage of descriptive terms for all who work with equipment and foods and who come in any contact with the consumer, including editors, educators, publicists, and demonstrators. The statements of terms are planned to be as nontechnical as possible and to present correct information without the use of trade names.

2201-73

STANDARDS FOR SCHOOL MEDIA PROGRAMS.

American Library Association

Washington, D.C. 56 p. 1969.

Z675.S3A4 F6N

Audiovisual aids, Educational administration, Facilities planning and layout, Instructional materials, Libraries, Personnel, Schools, Specifications.

Abstract: This booklet details standards and requirements for effective media programs and libraries in educational institutions. It is an attempt to bring media standards in line with the needs and requirements of present-day educational goals, and to coordinate standards for school library and audio-visual programs. There are chapters on (1) media programs in the schools, (2) media staff and services, (3) selection, accessibility, and organization of materials, (4) resources, size, and expenditures of the media center, (5) media center facilities, and (6) supplemental services for the school media program.

Reference Materials

2195-73

1972 JUNIOR COLLEGE DIRECTORY.

American Association of Junior Colleges

Washington, D.C. 118 p. 1972.

L901.A4 F6N

Directories, Junior colleges, State officials, Statistical data.

Abstract: This directory lists two-year community and junior colleges, technical institutes, and branch campuses of major colleges and universities. Detailed student enrollment figures, faculty and administration figures, affiliation, tuition, and other information are provided for each institution. Some

PAGE 172

F&N.

2202-73

AMERICAN LIBRARY DIRECTORY 1970-1971. 27th ed.
New York, R.R. Bowker 1174 p. 1970.
Z731.A53 F&N
Directories, Information services, Libraries.
Abstract: This volume contains information on all the libraries in the United States, Puerto Rico, U.S. trust territories, and Canada, as well as U.S. libraries overseas.

2203-73

STANDARDS FOR CATALOGING NONPRINT MATERIALS. 3rd ed.
Association for Educational Communications and Technology
Washington, D.C. 61 p. 1972.
Z695.66.A83 1972 F&N
Audiovisual aids, Cataloging, Information processing, Information systems, Instructional materials.
Abstract: Approved cataloging principles, as stated in the "Anglo-American Cataloging Rules," should be used as a guide in the cataloging of audiovisual materials insofar as they are applicable to the local situation. Elaboration of these rules and suggestions for variations to suit the needs of catalogers in media centers are brought out in this handbook. Section 1 covers all elements which should appear on the catalog card. In section 2, full descriptive cataloging appears on the sample cards for specific media.

2204-73

DICTIONARY OF NUTRITION AND FOOD TECHNOLOGY. 3d ed.
Arnold C. Bender
London, Eng., Butterworth & Co. 228 p. 1966.
TX349.B4 F&N
Dictionaries, Food technology, Nutrition, Vocabulary.
Abstract: Designed for those whose work is not specifically centered on food and nutrition but touches on many fringes of the field, this dictionary is useful for home economists, domestic scientists, medical practitioners, teachers, chemists, chemical engineers, technologists, and nutritionists. The bacteriological, pharmacological, and biochemical aspects of the food industry are fully covered. There are brief descriptions of equipment and apparatus commonly in use, analysis of common foods, and food definitions. For the third edition several newer trade names which have passed into common usage are now included. In addition, a bibliography is provided.

2205-73

FEDERAL LIBRARY RESOURCES; A USER'S GUIDE TO RESEARCH COLLECTIONS.
Mildred Benton
New York, Science Associates/International, Inc. 111 p. 1973.
Z731.B4 F&N
Directories, Federal government, Information services, Libraries, Resource guides.
Abstract: This guide identifies 153 federal libraries holding comprehensive, research, and/or unique collections. All these libraries offer services which assist in making available holdings including motion pictures, musical scores, recordings, prints, drawings, posters, manuscripts, diaries, account books, talking books, oral histories, and photographs. This directory identifies each library, notes agency affiliations, provides important telephone numbers, cites service opportunities, and describes collections.

2206-73

VEGETARIAN COOKERY: 52 EXOTIC FOODS/CANDIES/COOKING FOR A CR-
OVD.
Patricia Hall Black, Ruth Little Carey
Mountain View, Calif., Pacific Press 96 p. illus. 1971.
TX437.B55 V.5 F&N
Candy, Cookbooks, Cookery, International, Cookery, vegetarian, Food composition tables, Food preparation, Quantity, Recipes, Vegetarian diets.
Abstract: This is a collection of more than 1,100 simple vegetarian recipes. The recipes have been used and tested by Seventh Day Adventist dietitians. Each recipe has a detailed nutritional analysis including calories, major nutrients, saturated and unsaturated fatty acids, phosphorus, sodium, and potassium.

2207-73

BOOKS IN PRINT 1972: AN AUTHOR-TITLE-SERIES INDEX TO THE PUBLISHERS' TRADE LIST ANNUAL.
New York, R.R. Bowker Co. 2 v. (5716 p.). 1972.
Z1215.P97 F&N
Bibliographies, Directories, Publications.
Abstract: Books in Print is the standard reference book listing all books currently available from American publishers or distributed in the United States. Volume one is arranged by author and volume two by title. Publisher and Price, if known, are given for each book.

2208-73

BIBLIOGRAPHY OF HOTEL AND CATERING OPERATION.
V. Bostis, P. Nallios
London, New University Education 252 p. 1970.
Z5776.F7B5 F&N
Bibliographies, Catering, Commercial food service.
Extract: In this bibliography works published in the form of books and pamphlets are recorded. A decision has been made to limit the period of systematic search from 1948 to Dec. 1966. However, any other works encountered incidentally to

this search have been incorporated. Chief attention was directed to sources in the English speaking world together with France and Germany. The bibliography may be used to discover what works have been published in a stated field, and to identify a publication when the author's name is known.

2209-73

TABLES OF FOOD VALUES.
Alice V. Bradley
Pearla, Ill., Ches. A. Bennett 232 p. 1956.
TX551.B746 F&N
Dietary standards, Food composition tables, Menu planning, Nutrient values.
Revised.
Abstract: This book is a compilation of food tables, giving the nutritional value of thousands of different foods in terms of average servings. Introductory chapters provide information on the components of a good basic diet, menu planning, and instructions on how to use the food tables.

2210-73

DOCUMENTATION IN EDUCATION. 5th ed.
Arvid J. Burke, Mary A. Burke
New York, Teachers College Press 413 p. 1967.
Z711.B93 F&N
Bibliographies, Documentation, Education, Information science, Information services.
Abstract: This book provides guidance for more sophisticated documentary or bibliographic work in education--locating whatever has relevance to solving a problem or answering a question. The organization of chapters is designed to fulfill the fundamental purposes. After summarizing the basic background and skills of research, each skill is developed in detail. New chapters on media and sources of data are included. These enable the user to locate information and references with greater speed and effectiveness.

2211-73

NON-BOOK MATERIALS: THE ORGANIZATION OF INTEGRATED COLLECTIONS: PRELIMINARY EDITION.
Canadian Library Association
Jean Riddle, Shirley Lewis, Janet Macdonald
Ottawa, Can. 58 p. 1971.
Z695.66.C3 F&N
Audiovisual aids, Cataloging, Information science, Libraries.
Abstract: This book suggests a uniform system for cataloging non-book media in libraries.

2212-73

THE CHALLENGE OF CHANGE (MOTION PICTURE).
Pittsburgh, University, Graduate School of Library and Information Sciences
Pittsburgh, William W. Matthews and Co. 1 reel, 16mm, sd, col., 20 min. In.d.l.
Z668.2.C45 F&N AV
Information explosion, Information science, Library education, Library science.
Abstract: Describes the present-day information explosion, shows how libraries and librarians are storing information for reference, and points out the need for trained librarians to meet the challenge of the era of change.

2213-73

CHARACTERISTICS OF PERSONS OF SPANISH ORIGIN.
Family Econ Review 9, Jun 1972.
A321.9 R31
Demography, Statistical data, United States.
Abstract: This article presents demographic data on citizens of Spanish origin according to (1) their occurrence in the total population, (2) their income, (3) their employment, and (4) their education.

2214-73

CHASE'S ALLENDAR OF ANNUAL EVENTS; SPECIAL DAYS, WEEKS AND MONTHS IN 1973.
William D. Chase
Flint, Mich., Apple Tree Press 68 p. 1972.
CE91.C45 F&N
Calendars.
Abstract: This calendar includes information on astronomical and earthly events, as well as important dates throughout the year for people in all parts of the world.

2215-73

CHILDREN OF WORKING MOTHERS.
Family Econ Review 23-24, Dec 1971.
A321.9 R31
Children, Demography, Statistical data, Working women.
Abstract: This article presents the statistics to show that the number of children with working mothers has increased 26 percent between 1950 and 1970. Descriptive comparisons of families having working and non-working mothers are also included.

2216-73

FOOD VALUES OF PORTIONS COMMONLY USED. 11th ed.
Charles Frederick Church, Helen Nichols Church
Philadelphia, J.B. Lippincott Co. 180 p. 1970.
TX551.C45 F&N
Amino acids, Dietary standards, Food additives, Food composition tables, Food guides, Nutrient values, Nutrients.
Abstract: In the 11th edition of this handbook of food values

PAGE 173

2217-73

many additions and changes have been made, but the purpose and organization remain essentially the same. The 1968 revision of the Food and Nutrition Board's Recommended Daily Dietary Allowances includes the approved daily intake of 16 nutrients which serve as a basis for calculating adequate diets. The legal requirements are presented in the Food and Drug Administration's minimum daily requirements. "Foods for Space Flight" constitutes a new section. On these pages are listed the nutrient values of some 50 foods prepared and packaged for the use of the astronauts of the Gemini and Apollo flights. The new section on "Non-Nutritive Ingredients" lists over 400 food additives in current use in food processing. A new table of "Vitamin-Rich Products" is presented in cognizance of recent changes in vitamin products. Included are a number of nutrients and trace elements not tabulated elsewhere. The table presents a sampling of the products of various manufacturers.

2217-73

THE COLLEGE BLUE BOOK. 14th edition.
New York: GCM Information Corp. 4 v. (3348 p.). 1972.
L901.C6 F6N
Colleges, Directories, Higher education, Universities, Vocational education.
Abstract: The Bluebook consists of four volumes: U.S. College-Narrative Descriptions; Degrees Offered by Colleges and Subjects; U.S. Colleges-Tabular Data; and Occupational Education. Each volume provides extensive information in the areas it covers.

2218-73

UNIVERSITY OF COLORADO LIBRARIES PROGRAMMED TEXTBOOK.
Colorado: University
Mary Louie Lys
Boulder, Colorado 39 p. 1970.
Z733.C6C6 F6N
Information services, Libraries, Manuals, Programmed instruction, Universities.
Revised.
Abstract: This is a programmed textbook instructing readers on the efficient use of the University of Colorado Libraries.

2219-73

COMMERCIALLY PREPARED STRAINED AND JUNIOR FOODS FOR INFANTS.
Thomas A Anderson, Samuel J Foxon
J Am Diet Assoc 56 (6): 520-527. Jun 1971.
349.8 A434
Food composition tables, Formulated foods and specialized products, Infant diets, Nutrient content determination.
Abstract: Commercially available strained and junior foods are evaluated with respect to their potential nutritional contribution to the total diet. Similarities and differences in nutritional properties of various categories of food, e.g., vegetables, soups and dinners, high asset dinners, are discussed and differences between foods in the same product category are noted.

2220-73

COMPUTER-BASED ABSTRACT SERVICE NOW AVAILABLE.
George F Stewart, Calvert L Willey
Food Technol 27 (5): 31-36. May 1973.
339.8 F7395
Computer applications, Food sciences, Information services.
Abstract: A new abstracting service based on computer tapes containing the entire contents of Food Science and Technology Abstracts is now available. How print-outs of selected abstracts are produced from these tapes is described.

2221-73

HOTEL AND RESTAURANT ADMINISTRATION AND RELATED SUBJECTS:
A BIBLIOGRAPHY.
Cornell University, School of Hotel Administration
Katherine Spinnay
Ithaca, N.Y. 61 p. 1971.
Z625.U.62 F6N (Cornell University, School of Hotel Administration. Bibliography no. 33)
Bibliographies, Food service management, Resource guides, Restaurants.
Extract: The titles listed in this bibliography are those which have been purchased during the past year. They are not necessarily current, although they are recent acquisitions. The periodical articles indexed, however, are those covered in 1970 issues. The choice has been selective, their reference value being the guide. News releases and such information of timely interest have been excluded. Publishers of periodicals and books are listed with their addresses. Subjects used are consistent with those of earlier years. They continue to be specific and those related have been linked together by proper cross references. In some cases the same title may be listed under several categories. The arrangement is alphabetical as in the dictionary.

2222-73

CUP-CAN PRODUCT GUIDE.
Sch Foodserv J 26 (10): 57-59. Nov/Dec 1972.
389.3 J246
Cup-cans, Food service industry, Prepared foods.
Abstract: Charted survey of commercial cup-can food products now marketed by American firms.

2223-73

FOOD & MENU DICTIONARY. Revised.
Crate Dahl
Chicago, Institutions Magazine/Volume Feeding Management 135 p. 1972.
TX349.D3 F6N
Cookery, Dictionaries, Food service, Foods, Menu planning, Vocabulary.
Abstract: This dictionary of 2,000 entries defines and explains the terminology of the specialized food service industry as well as ingredients and terms found in cookbooks. Special note is taken of trends of usage in commercial food service, food production, and processing.

2224-73

DIRECTORY OF FOODSERVICE DESIGNERS.
Cooking for Profit 41 (253): 58-60. Jan 1972.
TX901.C6
Consultants, Directories, Food service occupations.
Abstract: Roster of professional consultants; the list includes members of the International Society of Food Service Consultants (ISFSC) and Food Facilities Consultants Society (FFCS).

2225-73

EDUCATIONAL ATTAINMENT OF U.S. POPULATION.
Fasly Econ Review 18. Jun 1970.
A321.9 R31
Demography, Education, United States.
Abstract: This article cites statistics to show that the educational level of the U.S. population has grown in the past 30 years.

2226-73

FOOD AID: A SELECTIVE ANNOTATED BIBLIOGRAPHY ON FOOD UTILIZATION FOR ECONOMIC DEVELOPMENT.
Food and Agriculture Organization of the United Nations
Elizabeth Henderson
Rome 203 p. 1964.
Z7164.F7M4 F6N
Agricultural development, Bibliographies, Developing nations, Economics, Food economics and consumption, Food supply.
Abstract: This is an annotated bibliography of material dealing with all aspects of present and prospective supply, disposal, and utilization of surplus products with special reference to food. It covers the period from 1954 to 1964. Some references are to works in languages other than English. Materials covered include books, pamphlets, and monthly periodicals.

2227-73

FOOD COMPOSITION TABLE FOR USE IN AFRICA.
Food and Agriculture Organization of the United Nations, Nutrition Division
Washington, D.C. 306 p. 1968.
TX535.F6 F6N
Africa, Bibliographies, Food composition tables, Vocabulary.
Abstract: This publication brings together in a single document most of the analytical data available on the nutrient content of foods in Africa. While data were available on certain nutrients of some of the foods selected for inclusion, data for most of those selected were not only incomplete, but also analyses did not refer to comparable samples. In addition, detailed information on analytical methods used, variety, maturity, time of harvest, length of storage or exposure in the market, part of sample analyzed, part considered inedible, or other factors which would influence nutrient content, are usually not fully provided by laboratories; this is particularly true for those foods which undergo some processing, such as cereals and their products. Of the total 1,624 items selected for the fourteen food groups of the entire food table, approximately 65 percent have data on proximate composition, 50 percent on minerals, 25 percent on 8-vitamins, and only a few have data on tryptophan. Of the total 1,071 items of edible plants, only 25 percent have data on ascorbic acid and 25 percent on vitamin A; and of the total 439 items of animal origin, only ten percent had vitamin A data.

2228-73

FOOD GUIDES: THEIR DEVELOPMENT AND USE.
Mary M Hill, Linda E Cleveland
Nutr Program News 1-5. Jul/Oct 1970.
1.942 A2N955
Food guides, Recommended Dietary Allowances.
Abstract: This article explains the rationale behind "Food for Fitness--a Daily Food Guide," and reviews the earlier guides that led up to the present one.

2229-73

FOOD HABITS: A SELECTED ANNOTATED BIBLIOGRAPHY.
Christine S Wilson
J Nutr Educ 5 (1) (Suppl. 1): 39-72. Jan/Mar 1973.
TX341.J6
Bibliographies, Cultural factors, Food beliefs, Food habits, Food selection, Food symbolism, Food taboos, Foodways, Influences on nutrition.
Abstract: This is a selective annotated bibliography of material published in the last 40 years on food habits and factors affecting them. Food habits as a research area concerns many disciplines. Contributions of cultural anthropologists, nutritionists, dietitians, psychologists, sociologists, economists, geographers, food technologists, and physicians, for example,

- are included. Some areas of food habits concern have been touched on lightly. Only the behavioral aspects of taste, hunger and food addictions have been included and only a few of these. The physiologic facets are beyond the intent of this bibliography, as is food faddism and diet in such special conditions as obesity, pregnancy or old age. The design was to collect published works on nonphysiologic factors that affect man's consumption of food.
- 2230-73**
FOOD USE BY THE FOODSERVICE INDUSTRY.
Corinne Le Bovit
Nat Food Situation 141: 28-30. Aug 1972.
1.941 52F73
Consumer economics, Food consumption, Food groups, Food service, Statistical data, Surveys.
Abstract: The food service industry uses an estimated 14 per cent of the food available for civilian consumption in 1969. These estimates were based on data obtained in the 1969 survey by USDA of the market for food served away from home. The survey did not cover schools, military services, federal hospitals, correctional institutions, transit feeding operations, boarding houses, and vending machines except in food service outlets. The estimates of food used in food service establishments tend to agree with estimates derived from 1965 individual diet survey. Discrepancies are explained by the types of outlets omitted and amounts of bakery products used in mixtures. The estimates based on the 1969 survey seem more accurate for most food groups.
- 2231-73**
FOODSERVICE LEXICON.
J R Myers
Cooking for Profit 40 (242): 58-59. Feb 1971.
TX901.26
Food service industry, Vocabulary.
Abstract: List of 13 terms defined and discussed.
- 2232-73**
RECIPE INDEX 1970: THE EATER'S GUIDE TO PERIODICAL LITERATURE.
Jenn Fersen
Detroit, Gale Research Company 772 o. 1972.
25776.G2F6 F6N
Bibliographies, Guides, Recipes.
Abstract: This recipe index is a guide to locating 6,610 recipes found in the 1970 issues of 12 magazines published in the United States.
- 2233-73**
GANCAL'S CULINARY ENCYCLOPEDIA OF MODERN COOKING. 12th ed.
J Gancal
New York, Radio City Bookstore 503 p. 1969.
TX349.G3 F6N
Cookery, Dictionaries, Food preparation, Recipes, Vocabulary.
Abstract: The aim of this book is to provide waiters with quick accurate and detailed information so as to describe any dish or item on a menu. Recipes are included.
- 2234-73**
WASHINGTON III: A COMPREHENSIVE DIRECTORY OF THE NATION'S CAPITAL: ITS PEOPLE AND INSTITUTIONS.
Cary T Grayson
Washington, D.C., Potomac Books, Inc. 570 p. 1971.
F102.5.W3 F6V
Directories, District of Columbia.
Abstract: This book contains information on institutions and resources located in Washington, D.C. and its metropolitan area.
- 2235-73**
HELP! - CONVENIENCE FOOD REPORT AUG 1.
Nancy Snider
Institutional Feeding 68 (15): 51-52. Aug 1, 1971.
TX820.15
Convenience foods, Information services, School lunch programs.
Abstract: This feature column includes: (1) a call for contributions of materials and information to Educational Clearing House; (2) an announcement of a new Federal guideline re-eligibility of children to participate in USDA-administered food programs; and (3) a list of companies that supply convenience foods to school lunch programs.
- 2236-73**
HOTEL AND RESTAURANT ADMINISTRATION AND RELATED SUBJECTS: A BIBLIOGRAPHY.
Katherine Spinney
Cornell Hotel And Restaurant Admin Quarterly 11 (2): 49-105. Aug 1970.
TX901.C67
Administration, Bibliographies, Food service management, Resource guides.
Abstract: This annual bibliography is a selective index to current periodicals received in the H.B. Meek Library of the School of Hotel Administration during 1969, as well as a cumulative list of books and pamphlets catalogued during the year. They are arranged alphabetically by subject. The material is recorded by title and author with information as to the publisher and date. Addresses of publishers are listed in the front along with an alphabetical list of periodicals.
- 2237-73**
HOW TO FORECAST SCHOOL ENROLLMENTS ACCURATELY - AND YEARS AND YEARS AHEAD.
Stanton Leggett
Amer School Board J 160 (1): 25-30. Jan 1973.
L82831.A4
Educational planning, Enrollment, Population trends, Prediction.
Abstract: The author notes that "there is nothing wrong with lower enrollments, but wrong things can happen if big mistakes are made in projecting enrollments--mistakes that lead a school district to build too much, too soon, or too little, too late." In the past, almost the only possible mistake was underestimating enrollment, but with birth rates declining, enrollments may stabilize or decrease, and officials may find themselves with empty buildings on their hands in a few years. National and regional statistics are helpful only up to a point; what each school board needs are accurate local statistics. This article tells what trends to look for in the statistics.
- 2238-73**
HOW TO LAY YOUR HANDS ON INFORMATION.
Henry Worle
Training In Business And Industry 9 (41): 56-58. Apr 1972.
HF1101.77
Education, Information needs, Information services, Training.
Abstract: The first step in locating information is to make a precise statement of what you need. The best second step is to see a librarian. Additionally, there are numerous research services providing information on education and training. Some of these services are listed in this article.
- 2239-73**
II. CONSUMER SPECIALISTS OF THE FOOD AND DRUG ADMINISTRATION.
Margaret R Stewart
Natr Program News 2 p. May/June 1972.
1.982 A2N955
Administrative personnel, Directories, Food and Drug Administration.
Abstract: The names and addresses of FDA consumer specialists throughout the country are listed.
- 2240-73**
IMPLICATIONS OF POPULATION TRENDS FOR QUALITY OF LIFE.
Calvin L Beale
Family Econ Review 3-6. Mar 1973.
A321.9 R31
Demography, Population growth, Population trends.
Abstract: Growing concern about the environment and quality of life has led to a concern with population growth and the environmental stresses it produces. Yet, to take one example, only one-ninth of the increased use (350 percent since 1950) of electrical energy--with its concomitant pollution problems--can be ascribed to population growth. The rest is the result of enormously increased per capita consumption of electricity. A decrease in population growth will yield environmental benefits, but only if there also is a reduction of greed. In regard to population distribution, while the momentum has shifted dramatically towards the cities, "the net yearning of the people seems to be away from metro centers and suburbs at the very time that metro concentration has reached new levels."
- 2241-73**
IMPLICATIONS OF THE NATIONAL NUTRITIONAL STUDY.
Arnold E Scheffer
In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 223-237. July 12/24, 1970.
L83479.U5N3 F6N
Child nutrition programs, Deficiency diseases and disorders, Dietary surveys, National surveys, School food service.
Abstract: The speaker summarized the findings of the Department of Health, Education, and Welfare's 10-state nutrition survey, noting that "the major problems we found of concern are problems of inadequate feeding, inadequate nutrition, or under-nutrition, in the zero through 17 years age group." Particular deficiencies in relation to particular groups are covered in some detail.
- 2242-73**
THE INNOVATIVE DIFFUSION CENTER: A POTENTIAL CONCEPT TO ACCELERATE EDUCATIONAL CHANGE.
George M Voegel
Audiovisual Instruction 16 (1): 67-69. Jan 1971.
LB1043.A9
Audiovisual instruction, Educational planning, Information systems, Inservice education, Libraries, Teacher education.
Abstract: An "Innovative Diffusion Center" is an elaborate professional educational library and audiovisual that is intended to stimulate the acceptance of new ideas and accelerate educational change. The author asks if this is just another example of "old wine in new skins?" and answers that it is not. The environment for change, the change process, and the implementation are presented verbally and visually, along with some guidelines for the establishment of a diffusion center.
- 2243-73**
THE IFMA ENCYCLOPEDIA OF THE FOODSERVICE INDUSTRY.
International Foodservice Manufacturers Association
Julie Woodman
Chicago, Ill. 103 p. 1972.
TX905.15 F6N

2244-73

Commercial food services, Directories, Equipment, Food economics and consumption, Food preferences, Food service industry, Marketing, Resource guides, Statistical data.
Abstract: This encyclopedia contains market statistics, food service business trends, key information sources (including governmental agencies, associations, auxiliaries, and marketing organizations). It is a working handbook of the food service industry, written primarily for the food service marketer.

2244-73

AV CATALOGING AND PROCESSING SIMPLIFIED.

Jean Thornton Johnson
Raleigh, N.C., Audiovisual Catalogers, Inc. 236 p. 1971.
2695.66.36 F6N
Audiovisual aids, Cataloging, Documentation, Information science.
Abstract: This book presents a uniform system for cataloging and processing audiovisual media. The authors have developed a code for audiovisual materials similar to that used for books.

2245-73

LEARNING RESOURCES: AV OR LIBRARY?

G. B. Monk, 70 Holman
Audiovisual Instruction 18 (3): 61-66, Mar 1973.
L81043.49
Audiovisual instruction, Bureaucracy, Cartoons, Instructional materials centers, Libraries, Resistance to change, Technology, Work attitudes.
Abstract: In this cartoon, Superman, or a reasonable facsimile, helps resolve the conflict between a school audiovisual specialist and a librarian. Their mutual prejudices and some of the excesses of technology (particularly the semantics of technology) are satirized.

2246-73

EFFECTIVE TECHNICAL SPEECHES AND SESSIONS: A GUIDE FOR SPEAKERS AND PROGRAM CHAIRMEN.

Howard H. Manko
New York, McGraw-Hill 174 p. 1969.
PN4121.43 F5N
Conferences, Organization, Speeches.
Abstract: This volume provides how-to-do-it guidance for professional men called upon to deliver a paper or chair a program. It contains recommendations for the organization of a speech, methods of delivery, and devices that help liven a presentation. It shows how to prepare visual aids, how to use the microphone, how to behave on stage, and other aspects of a presentation. It also shows how to organize a program, how to arrange the setup of the hall, how to place microphones, and what to do with visual aids, and how to chair a meeting, from the proper introduction of speakers to procedures that deal with motions from the floor.

2247-73

RESEARCH RESOURCES: VOLUME 2: ANNOTATED GUIDE TO THE SOCIAL SCIENCES.

John Brown Mason
Santa Barbara, Calif., American Bibliographical Center-Clio Press 273 p. 1971.
Z1223.2787 F6N
Bibliographies, Directories, Federal government, Publications, United Nations.
Abstract: The role of the U.S. Government as a publisher is enormous and still growing. Its leaflets, pamphlets, periodicals, and books range in subject matter from "The Adolescent in Your Family" to economic information on Zambia. Volume 2 covers U.S. Government official publications since 1789. In addition, it lists publications of the United Nations and related agencies, other international organizations, and statistical sources.

2248-73

MEDIA UNITS GROW INTO SERVICE CENTERS.

Dan Bonner, Marj Algham
Audiovisual Instruction 16 (5): 81-82, May 1971.
L81043.49
Financial support, Instructional materials centers, Planning, Taxes.
Abstract: In Texas, twenty regional education service centers offer a variety of media services to schools that would not otherwise have them. During the past two years these centers have circulated 229,213 media items, provided 124,938 instructional items, and conducted workshops for 55,000 teachers. The planning and financial support behind the centers is discussed in this report.

2249-73

METHODS AND KINDS OF NUTRITION EDUCATION (1961-72): A SELECTED ANNOTATED BIBLIOGRAPHY.

Christine Wilson, Sherron Know
J Nutr Educ 5 (1): 15-21: 21: 74-108, Jan/Mar 1973.
TK341.36
Bibliographies, Curriculum planning, Educational programs, Instructional materials, Nutrition education.
Abstract: This second supplement contains listings of books and other educational materials available on the subjects of nutrition, food programs, health education, teaching methods and techniques, and school food programs.

2250-73

LAROUSSE GASTRONOMIQUE: THE ENCYCLOPEDIA OF FOOD, WINE & COOKERY.

Presser Montagne
New York, Crown Publishers 1101 p. illus. 1961.
TK349.M613 F6N
Beverages, Cookery, Cookery, French, Encyclopedias, Food preparation, Foods, Recipes, Vocabulary, Wine.
Abstract: This internationally famous bible of cooking, because of its 8,500 recipes and the full information it gives on all culinary matters, has been accepted as a world authority. It contains 8,500 recipes from all over the world and 1,000 illustrations. There are descriptions of cooking processes; full details about all foods, their nature and quality, and how to cure, treat, and preserve them; the history of food and cooking; articles on table service, banquets, food values, and diets; and many other topics of culinary interest. Though the book is a prime reference book for chefs, gourmets, and experts, all recipes except for banquet specialties are on a so-called-group basis, stated in simple terms for convenience in the home.

2251-73

NATIONAL DATA CENTER FOR FOOD COMPOSITION.

Family Econ Review 8, Jun 1972.
A321.9 R31
Food composition (A.P.), Information centers, Labeling, Nutrient content determination, Nutrient values, U.S. Dept. of Agriculture.
Abstract: The proposed USDA nutrient data bank will provide nutrient content information for nutritional labeling programs.

2252-73

DIRECTORY OF INFORMATION RESOURCES IN AGRICULTURE AND BIOLOGY.

National Agricultural Library
Beltsville, Md. 523 p. 1971.
QH321.A37 F6N
Agriculture, Biology, Directories, Information services, Information systems, Resource guides.
Abstract: Federal organizations, units of land-grant colleges and universities, and their campus affiliated organizations only have been included in this directory. The subject coverage attempts to match the diverse and multidisciplinary teaching and research of the colleges of agriculture, home economics, and veterinary medicine, and their new variants such as life sciences and natural resources. Some new and unpublished data have also been added; most was obtained from or verified with each organization. The contents supply information resources for the agricultural researcher and teacher.

2253-73

NUTRITIVE VALUE OF FRUITS AND VEGETABLES.

National Restaurant Association
Chicago, Ill. und. ind. d. l.
TX557.U5 F6N
Food composition, Fruits, Nutrient values, Vegetables.
Abstract: The following tables report on water content, food energy and 15 components of 97 different fruits and vegetables, as reprinted from Agriculture Handbook No. 8, U. S. Department of Agriculture. In general, it will be seen that the maximum nutrients are found in almost all cases in the fresh, raw form of fruits and vegetables and that cooking and processing reduces some of them. Cooking does not destroy minerals, but they may be dissolved in cooking water and lost when the water is discarded. Some vitamins are destroyed, especially ascorbic acid (vitamin C).

2254-73

NOTEBOOK ON SOY: TEXTURED VEGETABLE PROTEIN FACT SHEET.

Sch Foodserv J 26 (7): 72-77, Jul/Aug 1972.
389.6 SCH6
Merchandise information, Processed foods, Textured vegetable proteins.
Abstract: Fact sheet on vegetable proteins giving company name, generic type of textured vegetable proteins, and trade names for these products.

2255-73

NUTRITIONAL REVIEW.

Berts Friend
Nat Food Situation 138: 25-30, Nov 1971.
1.941 S2F73
Food consumption, Food supply, Nutrient values, Nutrients, Nutritional status, Statistical data.
Abstract: Except for a decrease in thiamin due to an expected decline in use of pork, nutrient levels for 1972 are expected to be about the same as in 1971. For 1971 there was a 1 percent increase in nutrient fat over 1970 continuing the long-term upward trend. The proportion of total calories provided by fat is now 43 percent compared with 32 percent in 1909-13. Estimates of the amount of ascorbic acid available from the annual food supply are presented for the first time. In 1971 this nutrient averaged 7.27 milligrams per person per day. The levels of two other B-vitamins, B6 and B12 were 2.21 milligrams and 9.8 micrograms respectively. Animal products are the sole source of vitamin B12.

- 2256-73**
NUTRITIVE VALUES OF FOODS DISTRIBUTED UNDER USDA FOOD ASSISTANCE PROGRAMS.
Ruth M. Feeley, Bernice C. Watt
J Am Diet Assoc 57 (6): 528-547, Dec 1970.
389,8 A434
Food analysis, Food preparation and distribution systems, Food programs, Nutrient values, USDA Food and Nutrition Service.
Abstract: This article provides detailed data on the nutritive values of foods distributed under 2 of the U.S. Department of Agriculture food programs: the Commodity Distribution Program for needy families, and the Supplemental Food Program. Numerous tables show analyses of foods in terms of amounts of water, calories, protein, fat, fatty acids, carbohydrates, calcium, phosphorus, iron, sodium, potassium, and magnesium, plus vitamins A, E, C, and 9 complex.
- 2257-73**
OUR OWN ABRIDGED DICTIONARY OF THE FOOD SERVICE INDUSTRY.
Cooking for Profit 40 (2521): 32-38, Dec 1971.
TX901.C6
Dictionaries, Food service industry.
Abstract: A dictionary ideal for new employee training as well as for general reference in the food service industry.
- 2258-73**
FOOD COMPOSITION: TABLES FOR USE IN THE MIDDLE EAST. 2d ed.
P. L. Pellett, S. Shadarevian
Beirut, American University of Beirut 116 p. 1970.
TX551.P4 1970 F64
Amino acids, Food composition tables, Middle East, Minerals, Nutrient values, Vitamins A.
Abstract: Much more data has been accumulated since 1963 and the major changes in this second edition include: new items added to the food tables; data for iodine, sodium and potassium; analyses for the amino acid composition of local food; recipes and nutritional data for dishes; computer aided dietary calculations; change of units for vitamin activity from International Unit (I.U.) to micrograms retinol equivalent.
- 2259-73**
CONVERSION FACTORS AND TECHNICAL DATA FOR THE FOOD INDUSTRY. 6th ed.
Pillsbury Company
C. G. Morris, R. J. Trelen
Minneapolis, Burgess 1426 p. 1959.
TS2149.P5 F64
Conversion factors, Equipment, Food industry, Food processing, Food standards and legislation, Grain products, Ingredients, Nutrition, Statistical data.
Abstract: This sixth edition contains data on conversion factors, measurement equivalents, composition of foods, etc., in addition to subject matter of a general nature such as the definitions and standards of identity for foods and ingredients, plant location factors, and so on. Most of the information is directed to technical men in laboratories, engineers, and home economists. At various locations in the book are blank pages on which to record data.
- 2260-73**
POPULATION GROWTH AND AMERICA'S FUTURE.
Family Econ Review 24-25, Jun 1971.
A321.9 J31
Population growth, Prediction, United States.
Abstract: Americans are currently reproducing at a rate of between 2 and 3 children per family. This article reports on the work of the Commission on Population Growth and the American Future, which studies the impact of population growth on (1) the use of resources and technology, (2) demands for public services, (3) the size of the labor force, (4) changes in total economy and functions of government, and (5) psychological problems resulting from population density.
- 2261-73**
COMMUNICATION: METHODS FOR ALL MEDIA.
Madley Road
Urbana, Ill., University of Illinois Press 308 p. 1972.
P90.P4 F64
Audiovisual aids, Communication, Communication skills, Public relations, Speeches.
Abstract: This book is about the process of communication, the environment in which communication takes place, and the skills needed to make the process work. The book attempts to blend theory with practice, because theory without practice contributes little, and practice unsupported by theory may only represent a repetition of errors. This book is not intended for the professionals in the various communication fields. It is written for those in professions in which success and satisfaction are related to one's ability to communicate effectively.
- 2262-73**
A SELECT BIBLIOGRAPHY AND LIBRARY GUIDE TO THE LITERATURE OF FOOD SCIENCE. 2d ed.
Reading, Eng., University, Dept. of Food Science
Reading, Eng. 52 p. 1972.
Z5776.F734 F64
Animal sources of food, Bibliographies, Food analysis, Food processing, Food quality, Food science, Microbiology, Nutrition, Plant sources of foods.
Abstract: This bibliography is an introductory guide to the literature of food science and related disciplines. Most entries include book classification numbers of the Dewey decimal system (used in the British National Bibliography), thus providing a guide to location of books in major libraries of the United Kingdom.
- 2263-73**
MATERIALS FOR OCCUPATIONAL EDUCATION: AN ANNOTATED SOURCE GUIDE.
Patricia Schuman
New York, R.R. Bowker 201 p. 1971.
HF5381.S423 F64
Bibliographies, Food processing, Food service, Instructional materials, Resource guides, Vocational education.
Abstract: Educators and librarians concerned with occupational education programs face a number of special problems in locating materials relevant to curriculum needs. This annotated guide has been compiled to facilitate the location of curriculum and training materials, a majority of which are available from professional and trade associations, government agencies, and private businesses. A list of sources rather than a standard bibliography has been compiled to enable the user to find and contact specific agencies producing materials useful to him. The materials include pamphlets, multivolume books, slides, 16-millimeter films, records, tapes, and multimedia kits. Periodicals include weekly newsletters, quarterlies, and semi-annual scholarly publications.
- 2264-73**
SO YOU WANT TO WRITE A COOKBOOK?
Food Mgt 8 (3): 55-57, Mar 1973.
TX943.F6
Cookery, Cooking instruction, Cooking methods, Cooking techniques, Publications, Recipes.
Abstract: This article, for the serious cookbook writer, tells how to get a cookbook published. Advice is given on how to prepare a manuscript and submit it to a publisher, what to expect in terms of acceptance for publication, what is involved in royalties and advances against royalties. A thumbnail sketch of the present-day cookbook market is also included.
- 2265-73**
GENERAL TEACHER REFERENCES. Revised.
Society for Nutrition Education
Berkeley, Calif. 12 p. 1973.
Z5814.F75624 F64 (National Nutrition Education Clearing House. Reference list NNECH 3A)
Bibliographies, Educational planning, Instructional materials, Nutrition education, Teaching aids.
Abstract: This annotated reference list provides information on (1) where one can obtain pamphlets, books, journal articles, and audiovisual materials on the subject of teaching nutrition, and (2) the cost of these materials.
- 2266-73**
SECONDARY TEACHING MATERIALS AND TEACHER REFERENCES. Revised.
Society for Nutrition Education
Berkeley, Calif. 16 p. 1973.
Z5814.F75623 F64 (National Nutrition Education Clearing House. Reference lists NNECH 4A)
Adolescents (12-19 years), Bibliographies, Curriculum guides, Instructional materials, Nutrition education, Teaching aids.
Abstract: This annotated reference list provides information on (1) where one can obtain books and teaching materials on the subject of nutrition for secondary-school kids, (2) what kinds of materials are available from various manufacturers, and (3) how much the materials cost.
- 2267-73**
AGING AND NUTRITION.
Society for Nutrition Education
Berkeley, Calif. 9 p. 1972.
Z5814.F75622 F64 (National Nutrition Education Clearing House. Reference list NNECH 5-6-72)
Bibliographies, Elderly (65+ years), Nutrition, Nutrition education.
Abstract: This annotated reference list provides information on (1) where one can obtain books and teaching materials on the subject of aging and nutrition, (2) what kinds of materials are available from various manufacturers, and (3) how much the materials cost.
- 2268-73**
PREGNANCY AND NUTRITION.
Society for Nutrition Education
Berkeley, Calif. 7 p. 1972.
Z5814.F7562 F64 (National Nutrition Education Clearing House. Reference list NNECH 2-1-72-A)
Bibliographies, Diets for special conditions, Nutrition education, Nutritional status, Pregnancy diets.
Abstract: This annotated reference list provides information on (1) where one can obtain books and teaching materials on the subject of pregnancy and nutrition, (2) what kinds of materials are available from various manufacturers, and (3) how much the materials cost.
- 2269-73**
PRESCHOOL, PRIMARY AND INTERMEDIATE TEACHING MATERIALS AND TEACHER REFERENCES.
Society for Nutrition Education
Berkeley, Calif. 17 p. 1972.
Z5814.F756 F64 (National Nutrition Education Clearing House. Reference list NNECH-1-12-71-A)

2270-73

Bibliographies, Curriculum guides, Instructional materials, Nutrition education, Preschool children (2-5 years), School children (5-11 years), Teaching aids.
 Abstract: This annotated reference list provides information on (1) where one can obtain teaching materials in nutrition; (2) what kinds of materials are available from various manufacturers; and (3) how much the materials cost.

2270-73

SOME CURRENT POPULATION TRENDS.

Conrad Isaacs

Family Econ Review 5-3, Mar 1972.

A321.9 431

Demography, Population growth, Population trends.

Abstract: Continued population growth, though at a lower rate than in the recent past, is indicated in this study. The babies of the postwar baby boom are grown up and are reaching marriage age, and consequently, an increase in marriage and in new families is expected through the 1970's. Increasingly these families will demand the services and facilities that have become important elements in the ever-rising levels of living. For the most part, they are likely to be suburban or small city residents rather than big city or rural residents. How these additional persons are distributed and what social arrangements are developed to cope with the new situations created by the increased concentration in urban and metropolitan areas will have long range consequences for the quality of life in the United States.

2271-73

FOOD VALUES AND CALORIE CHARTS.

Jules G Szanton

New York: Frederick Fell, Inc. 153 p. 1965.

TX551.S95 F5N

Caloric values, Consumer education, Dietary standards, Food composition tables, Food tables, content, Nutrient values, Vitamins, weight control.

Abstract: Unprocessed foods, brand name products, and dietetic foods are included in this handbook. For each food item the caloric count, vitamin and mineral content, and percentages of protein, fat, and carbohydrates are listed. The introduction explains the functions and dietary requirements of individual nutrients.

2272-73

TABLES OF FOOD COMPOSITION: AVAILABILITY, USES, AND LIMITATIONS.

E W Murphy

Food Technol 27 (1): 40-51, Jan 1973.

359.4 F7393

Food composition tables, Nutrient content determination, Publications, Resource guides, U.S. Dept. of Agriculture.

Abstract: This paper describes tables of food composition and related publications that are now available from USDA and tells how to obtain them. Work currently being emphasized by the Nutrient Data Research Center is outlined: NDRC's forthcoming publications are described; and misconceptions regarding their current publications are corrected.

2273-73

AN ANNOTATED INTERNATIONAL BIBLIOGRAPHY OF NUTRITION EDUCATIONAL MATERIALS, RESOURCE PERSONNEL, AND AGENCIES.

Clara M Taylor, Katharine P Riddle

New York: Teachers College Press 192 p. 1971.

25776.N5T39 F5N

Bibliographies, Cultural factors, Developing nations, Food habits, Food tables, Nutrition education, Resource guides.

Abstract: This bibliography of nutrition education materials, resource personnel, and agencies includes extensive information for those interested in establishing or actively engaging in nutrition programs in developing countries. Materials available in 83 countries have been classified according to geographical and subject matter areas. Each item is accompanied by a brief description, or digest. Lists of resource personnel give names of knowledgeable and influential individuals who can render valuable assistance in promoting programs. The agencies listed are those having a special interest in the nutritional well-being of people in their community. Nutrition education materials include books, pamphlets, leaflets, and posters of a practical nature; as well as descriptions of educational methods and programs and selected research reports of special interest to professional workers. Significance of materials presented locally needs to be emphasized. The cultural background, food habits and tables, and availability and cost of local foods must be considered if the success of a program is to be insured.

2274-73

THE NEW YORK TIMES GUIDE TO CONTINUING EDUCATION IN AMERICA.

The New York Times

Frances Coombs Thomson

New York: Quadrangle Books 311 p. 1972.

LC5251.N4 F5N

Adult education, Bibliographies, Correspondence study, Directories, Equivalency tests, Guides.

Abstract: This guide describes opportunities available to adults at accredited educational institutions in the United States. The book contains sections on high school and college credits, continuing education organizations, how accreditation works, classroom courses, correspondence courses, CLEP tests and credits, and a complete index of institutions.

2275-73

DIRECTORY OF FILMS FOR DATA EDUCATION.

The Society of Data Educators

Arthur H Pike

Northfield, Vt. unsp. 1972.

Z692.M9555 F5N

Audiovisual aids, Computer science, Directories, Education,

Higher education, Resource guides, Secondary education.

Abstract: This directory lists educational films covering various aspects of data processing. Films selected for inclusion are appropriate for use in high schools, junior or community colleges, colleges, and/or adult situations, unless otherwise noted in the film description. In many cases, several libraries offer each of these films. The least expensive library has usually been chosen as the source library.

2276-73

A GUIDE TO NUTRITION TERMINOLOGY FOR INDEXING AND RETRIEVAL.

E Velge Tedhunter

Washington, D.C. 270 p. July 1970.

Z695.L.N85T6

Information science, Nutrition, Vocabulary.

Abstract: This book is organized with an alphabetical list of most terms in the nutritionist's lexicon. Each of these is then ticked so that it can be further explored in the category in which it belongs. From here, one can move to related terms. The authors have taken a good number of terms commonly used in nutrition and tried to establish in a glossary some rather rigid guidelines of what each term should mean.

2277-73

SELECTED LIST OF RELIABLE NUTRITION BOOKS (REVISED 1970).

Toronto Nutrition Committee, Library Committee

Toronto 8 p. 1970.

Z5776.N8T6 F5N

Bibliographies, Cookbooks, Dietetics, Food composition tables, Food supply, Nutrition, Surveys.

Abstract: The books on this list were chosen from books reviewed by members of the Toronto Nutrition Committee, books reviewed in technical journals, and from other recommended lists. They were selected as offering reliable up-to-date nutrition information to dietitians, librarians, physicians, and the general public. Many of the selections are published in Canada.

2278-73

TRAINING CONSULTANTS.

Training in Business And Industry 9 (2): 39, 42, Feb 1972.

HF1101.T7

Consultants, Personnel management, Training.

Abstract: This is a list of training consultants, their locations and their specialties.

2279-73

SELECTED RESEARCH ABSTRACTS OF PUBLISHED AND UNPUBLISHED REPORTS PERTAINING TO THE FOOD SERVICE INDUSTRY; INCLUDING RECOMMENDATIONS FOR RESEARCH NEEDS.

U.S., Agricultural Research Service

Leo Najelski

Washington, D.C. 138 p. 1969.

TX943.U5 F5N (U.S. Agricultural Research Service, ARS 52-46)

Facilities planning and layout, Finance: Food service, Marketing, Personnel, Purchasing, Research methodology.

Extract: The objective of this study was to assemble reports of food service research, to evaluate and summarize them, and then to determine within the framework of trends what the research gaps or needs of the industry are currently and the indications of future trends. Most of the reports reviewed apply to several segments of the food service industry. The research needs and gaps were determined through interviews with executives, educators, and editors who had both extensive and intensive knowledge of trends and needs of the food service industry and a review of the existing research.

2280-73

COMPOSITION OF FOODS: RAW, PROCESSED, PREPARED.

U.S., Agricultural Research Service, Consumer and Food Economics Research Division

Bernice K Matt, Anabel L Merrill

Washington, D.C. 190 p. 1963.

TX551.U523 F5N (U.S. Agricultural Research Service, Agriculture handbook no. 8)

Cholesterol, Enrichment, Fatty acids, Food composition tables, Food preparation, Food processing, Influences on nutrition, Magnesium, Nutrients.

Revised.

Extract: Nutritive values of foods in this edition of Agriculture Handbook No. 8 are based on extensive review of information available both before and since the first issue in 1950. Many new foods have been added to the tables, including numerous kinds of nut, fish, and poultry items; various foods in prepared or partially prepared forms; a number of foods of tropical or semitropical origin for which there has been steadily increasing consumer demand; and many new miscellaneous items. Tables include data not only for energy, proximate composition, five vitamins: vitamin A, thiamine, riboflavin, niacin, and ascorbic acid; and the minerals: calcium, phosphorus, and iron; as in the 1950 publication, but also for sodium and potassium. Data for water, ash, and fiber have been included for some items. Information on selected fatty acids, cholesterol, and magnesium have been added because of widespread interest in these nutrients. These data generally have a less

firm experimental basis than these in the main tables. Appendices provide supplementary information about nutrients, foods or groups of foods and technical names of foods.

2281-73

GOOD REFERENCES ON DAY CARE: FEDERAL PANEL ON EARLY CHILDHOOD. U.S., Children's Bureau. Washington, D.C. 22 p. 1969. 25314.497U5 FCN
Administration, Bibliographies, Day care services, Evaluation, Facilities planning and layout, Nutrition education, Personnel, Preschool children (2-5 years).
Abstract: This bibliography lists books, pamphlets, and magazine articles about day care programs. The publisher, an abstract, and the price, if there is one, are given for each publication.

2282-73

CONVERSION FACTORS AND WEIGHTS AND MEASURES FOR AGRICULTURAL COMMODITIES AND THEIR PRODUCTS. U.S., Dept. of Agriculture, Economic Research Service. Washington, D.C. 87 p. 1965. HD9000.A4U5 FCN (U.S. Dept. of Agriculture, Economic Research Service. Statistical bulletin no. 362)
Agriculture, Commodities, Conversion factors, Measurement, Statistical data.
Extract: The tables in this report were compiled to provide a manual of uniform conversion factors for use in statistical research, and service programs of the Department. A reasonably complete set of all-purpose factors is presented. However, for a particular commodity, the data may not be entirely adequate for all uses. The data are intended to represent overall averages except where indicated. However, in some instances the averages are only approximations. All conversion factors included are based on the most recent and reliable information available and are intended to reflect current conditions and practices. Factors for many commodities change from year to year; therefore, caution should be exercised when using these data to compile or revise historical series.

2283-73

FOOD MAKES THE DIFFERENCE: FOOD FOR ECONOMY; FOOD FOR LIFE: FOOD FOR A NATION. U.S., Dept. of Agriculture, Office of Information. Washington, D.C. 61 p. 1969. 25776.48U5 FCN
Audiovisual aids, Bibliographies, Instructional materials, Nutrition education, Resource guides, USDA Food and Nutrition Service.
Abstract: This notebook contains a resume of food and nutrition information and education materials which are available, being developed, and proposed by USDA agencies; USDA programs which have activities related to food and nutrition; and department information outlets.

2284-73

MANPOWER REPORT OF THE PRESIDENT: INCLUDING A REPORT ON MANPOWER REQUIREMENTS, RESOURCES, UTILIZATION, AND TRAINING BY THE UNITED STATES DEPARTMENT OF LABOR. U.S., Dept. of Labor. Washington, D.C. 328 p. 1971. HD5723.J5 FCN
City demography, Federal government, Job training, Labor force, Occupational guidance, Programs, Rural areas, Social crises, Statistical data.
Abstract: This is the April, 1971 Manpower Report to Congress. The report details Federal government attempts to coordinate and strengthen the multiplicity of U.S. manpower programs. The Report contains information and statistics on (1) the employment record; (2) new developments in manpower programs; (3) critical urban labor problems; (4) rural manpower problems; (5) government expenditures and manpower requirements.

2285-73

WORLD FOOD-POPULATION LEVELS: REPORT TO THE PRESIDENT - APRIL 9, 1970. U.S., Foreign Economic Development Service. Washington, D.C. 29 p. (n.d.). HD8845.U5 FCN
Agricultural development, Demography, Food economics and consumption, Food supply, Population growth.
Abstract: This is a report on population levels that might be supported if world food production could be raised to then-current levels achieved through U. S. agricultural methods.

2286-73

EATING AND DRINKING PLACES INDUSTRY. U.S., Manpower Administration. Washington, D.C. 16 p. 1969. HD8039.F7U5 FCN (U.S. Manpower Administration. Industry manpower surveys number 115)
Commercial food service, Disadvantaged groups, Food service workers, Personnel, Statistical data, Surveys.
Abstract: A nationwide survey of 800 firms encompassing 3,800 individual establishments in the eating and drinking places industry was conducted in May 1968. This survey was designed to provide information on job market developments and job opportunities, particularly job opportunities for disadvantaged workers, in the largest segment of the food service industry. This report presents an analysis of the information obtained by the local offices of the State Employment Services through the use of a special questionnaire. Data on employ-

ment, turnover, wages, and job vacancies were obtained from restaurants and bars employing 223,500 workers. Employers also were requested to supply much additional information, including a list of those occupations which offer the greatest opportunities for advancement within their establishments. Supplementary data were provided by various government agencies, private associations, and through personal interviews.

2287-73

NURSING HOMES AND RELATED HEALTH CARE FACILITIES. U.S., Manpower Administration. Washington, D.C. 26 p. 1969. HD8039.N8U5 FCN (U.S. Manpower Administration. Industry manpower surveys number 116)
Health occupations, Nursing homes, Statistical data, Surveys, Wages.
Extract: The nursing home industry has experienced rapid growth during the 1960's. Data from the nationwide survey of nursing homes and related health care facilities, indicate that unmet manpower needs intensified as employers attempted to meet the increased manpower requirements of the late sixties. Based upon the number of job vacancies reported by survey participants, 25,000 unfilled positions existed in the industry at the time of the survey in March 1968. Relative to the total number of workers employed in each of nine selected occupations, demand was most intense for licensed practical nurses, professional nurses, and dietitians. However, the largest number of vacant jobs was for nurse aides and orderlies. High labor turnover rates (especially for aides and orderlies), rising entry requirements for new workers, location away from major population centers, and an unfavorable image have been some of the major factors responsible for worker shortages. Average wage rates reported by the surveyed employers ranged from \$5.02 an hour for dietitians (including consultant-dietitians) to \$1.53 paid to nurse aides and orderlies.

2288-73

UNITED STATES GOVERNMENT ORGANIZATION MANUAL, 1972/73. Revised. U.S., Office of the Federal Register. Washington, D.C. 710 p. 1972. JK321.A3
Directories, Organization, Resource guides.
Abstract: This is the official handbook of the Federal Government. It contains descriptions of the agencies of the legislative, judicial, and executive branches, including brief descriptions of certain boards, commissions, and committees. The annual contains brief statements on the quasi-official agencies and of selected international organizations.

2289-73

EDUCATION DIRECTORY: ELEMENTARY AND SECONDARY EDUCATION: PUBLIC SCHOOL SYSTEMS 1969-70. U.S., Office of Education. Washington, D.C. 313 p. 1970. L901.A3 Pt. 2 1969 FCN
Directories, Public schools, School systems, Statistical data.
Abstract: The purpose of this annual directory is to list all local agencies in the United States and the outlying areas that provide free public elementary and secondary education. The mailing address and some descriptive information are given for each local public school system. The directory lists all types of basic administrative units concerned with public elementary and secondary schools. These administrative units represent a wide variety of school system types, such as common, city, independent, consolidated, separate, union, community, town, township, jointure, and county-unit school districts and separate vocational and technical high school systems. Excluded are federally operated schools, state-operated schools (except where the state educational agency functions as a local education agency, as in Hawaii), and intermediate agencies other than supervisory unions, also omitted are elementary and secondary schools operated by colleges and universities or by agencies engaged exclusively in highly specialized education programs, such as rehabilitation centers.

2290-73

DIRECTORY OF EDUCATIONAL INFORMATION CENTERS. U.S., Office of Education. Washington, D.C. 118 p. 1969. Z675.E3U5 FCN
Directories, Education, Information services, Resource guides.
Abstract: The 397 educational information centers listed in this directory indicate a national network for diffusing educational knowledge. Some of the information centers are sponsored by agencies with a national or multi-state focus, such as SRIS (School Research Information Services), the Regional Educational Labor Issues, Instructional Materials Centers, Research and Development Centers, the U.S. Office of Education's Regional Offices, and ERIC (Education Resources Information Center). They provide a wide spectrum of services and backup support for information centers operated by state and local educational agencies.

2291-73

EDUCATION DIRECTORY: EDUCATION ASSOCIATIONS 1969-1970. U.S., Office of Education. Washington, D.C. 109 p. 1970. L901.A3 Pt. 4 1969 FCN
Directories, Education, Organizations.
Abstract: This directory lists U.S. educational associations, giving each organization's address, the name and address of

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PAGE 179

2292-73

its chief officers, and the titles of its publication(s).

2292-73

EDUCATION IN THE SEVENTIES.

U.S., Office of Education
Washington, D.C. 44 p. 1974.

LB2836.J5 F6N

Educational finance, Educational planning, Employment opportunities, Expenditures, Predictions, Statistical data, Students.
Abstract: This booklet contains several planning papers prepared by the Office of Program Planning and Evaluation. Topics covered include (1) educational projections to 1975, (2) enrollment figures, (3) teacher supply, (4) educational expenditures.

2293-73

ALLIED HEALTH EDUCATION PROGRAMS IN JUNIOR COLLEGES/1970.

U.S., Public Health Service
Washington, D.C. 402 p. 1972.

RA440.S3J5J5 F6V

Adult education, Directories, Educational planning, Health education, Junior colleges, Occupational guidance, Statistical data, Vocational education.

Abstract: This directory was compiled primarily to provide a comprehensive source of information on enrollment, enrollment capacities, and locations of allied health training programs in two-year colleges and to provide data on which to establish priorities for health manpower education. The directory provides information on which to base decisions, for example, about whether to establish new programs, where to establish them, or what modifications of existing programs could be made to meet allied health manpower training needs. The directory may also serve as a supplementary reference for academic and career guidance counselors at every level of education and for professional organizations in health and related fields.

2294-73

FOOD BEVERAGE INDUSTRIES: A BIBLIOGRAPHY AND GUIDEBOOK.

Albert C Vora
Detroit, Gale Research Company 215 p. 1970.

Z7164.F7V33 F6N

Advertising, Agriculture, Beverages, Bibliographies, Food service industry, Food supply, Food technology, Marketing.
Abstract: Although primarily a list of references for the food industry, this bibliography also gives sources for the beverage industries: brewing, liquor, soft drinks, and wines. A section on food supply and industry organizations details the range of the beverage industry's activity. All but a few of the listed publications are in English.

2295-73

DAY CARE SURVEY 1970: SUMMARY REPORT AND BASIC ANALYSIS APPENDICES.

Westinghouse Learning Corporation
N.p. 349 p. 1971.

HV854.A42 F6N

Computer science, Data processing, Day care services, Research methodology, Surveys.
Facsimile by National Technical Information Service, Springfield, Virginia, 1971.

Abstract: This appendix volume presents the project methodology and survey instruments used in compiling the Summary report and basic analysis of U.S. day care centers.

2296-73

DAY CARE SURVEY 1970: SUMMARY REPORT AND BASIC ANALYSIS.

Westinghouse Learning Corporation
N.p. 207 p. 1971.

HV354.W4 F6V

Day care services, Planning, Research methodology, Statistical data, Surveys.
Facsimile by National Technical Information Service, Springfield, Virginia, 1971.

Abstract: This survey and analysis presents information on existing day care programs and assessment of the need for day care services. The objectives of this survey were to provide statistical descriptions of existing day care facilities, services, costs, users, and potential users; to provide some analysis of demand and market processes in relation to unmet needs for day care services; and to provide a data base for further analyses and planning.

2297-73

THE YEAR-ROUND SCHOOL: FADDISH OR FEASIBLE.

Leonard Ernst
Nation's Schools 41 (5): 51-55, Nov 1971.

LB2804.A3

Educational finance, Educational planning, Georgia, Illinois, Year round schools.

Abstract: Educators are becoming increasingly interested in year round schools as a way of saving money by stretching the use of existing facilities. Two well-publicized plans are Atlanta's voluntary four-quarter plan for secondary students, and the 45-15 plan in Valley View Elementary School District in Romeoville, Illinois. This article investigates the pros and cons of these two programs, and finds more cons than might have been expected. Perhaps most surprising was the discovery that year round schooling may actually cost more.

Purchasing, Receiving and Storage

2298-73

'QUALITY FIRST' AT TEXAS A&M.

F W Dellar
Sch Foodserv J 26 (2): 50-52, Feb 1972.

389.8 SCH6

College food service, Food quality, Frozen foods, Fruits, Meat, Purchasing, Vegetables.
Abstract: Food is purchased after intensive competitive bidding. Food quality determined prior to invitation to bid. Fresh and processed meats are purchased in carload quantities. Frozen vegetables and fruits contracts cover 90-day period.

2299-73

SCHOOL FOOD PURCHASING GUIDE: A SPECIAL COMMITTEE REPORT.

American School Food Service Association

Theine Flanagan

Chicago, Ill. 144 p. 1968.

LB2829.A4 F6N (American School Food Service Association.

Bulletin no. 3)

Food purchasing, Guides, School food service, Specifications.
Abstract: This is a general guide for school personnel to use when purchasing food for the institution. The guide gives advice on products to buy, how and when to buy them, and how to pay for them to get the most for the school's money.

2300-73

THE BEANERY.

Food Serv 33 (10): 44-46, Oct 1971.

389.2538 F732

Beans, Dried foods, Food grades, Food purchasing, Pod vegetables.

Abstract: Beans are an important staple food throughout the world. A purchasing Guide is included for green and wax snap beans and dried beans (black or turtle, yellow-eyes, garbanzo, cranberry, lima, pinto, and pink, red Mexican, kidney, and white). Grade standards for beans are listed.

2301-73

QUANTITY FOOD PURCHASING GUIDE: INVENTORY, PURCHASING, ESTIMATING FOOD NEEDS FOR BUDGETING PURPOSES.

Frank N Beau

Chicago, Institutions Magazine/Volume Feeding Management 74 p. 1972.

TX911.3.P884 F6N

Budgeting, Food purchasing, Guides, Institutional feeding, Storage.

Abstract: This booklet provides purchasing formulas for all basic food products. The multipliers are related to 1,000-week-days (1,000 persons times 3 meals). The multipliers were determined from amounts of food used for nearly a million meals. Ingredients listed also cover the requirements of a full pastry department. Most items for baking and cooking have suggested adjustment noted.

2302-73

BID SPECS ENSURE QUALITY, LOWER COSTS.

Sch Foodserv J 27 (1): 60-62, Jan 1973.

389.8 SCH6

Costs, Food quality, Marketing, School food service.

Abstract: Bid specifications are devised to help schools buy low cost, yet high quality schools.

2303-73

CHANGES IN PURCHASING, STORAGE, DELIVERY AND UTILIZATION PRACTICES AND PROCEDURES. (A PANEL PRESENTATION) PART 1-FOOD.

Albert L Wrisley

In Proceedings of the Northeast School Food Service Seminar, Univ. of Massachusetts, 1970 p 276. July 12/24, 1970.

LB3479.U5M3 F6N

Equipment, Food habits, Foodways, Purchasing, Specifications.
Abstract: Panel presentation which brought together representatives of government and industry to consider changes in food, equipment, practices and procedures necessitated by changing school food service programs.

2304-73

CHOOSING FROM ALTERNATIVES IN EXPANDING STORAGE SPACE FOR FROZEN FOOD.

Lucie Blondeau, Beatrice Donaldson David

J Am Diet Assoc 59 (4): 362-367, Oct 1971.

389.8 AM34

Cost effectiveness, Facility requirements, Food purchasing, Food storage, Frozen foods, Models.

Abstract: A mathematical model of the procurement function of a food service operation purchasing prepared frozen main dishes and renting additional storage space was developed. This model was to be used as an experimental tool to determine the effect on total procurement costs and space requirements

- of varying procurement policies in food service operations where on-premise storage facilities for frozen food were installed. The hypothesis tested was that, in such a food service operation, the cost of expanding the storage space capacity by renting or buying could be covered by the money saved by adopting a more economical purchasing policy than was permitted by the limited on-premise storage space. The results suggested that, for a particular hypothetical cafeteria, expansion of the storage space capacity for frozen food products was advisable.
- 2305-73**
THE COMMODITIES: MRS. JOYCE VS. MRS. CLAY.
D. G. Wisotzkey
Sch Foodserv J 25 (8): 37-38, Sep 1972.
339.8 SCH6
Commodities, Food spoilage, Food supply, Purchasing, School food service.
Abstract: Two hypothetical cases are studied in which school lunch management receives damaged food, one from a supplier who desires to have satisfied customers, the other who does not. Both suppliers meet one of their main goals. The first continues to have a satisfied buyer, thus maintains his volume and profit. The second has a satisfied seller, and helps continue price support program.
- 2306-73**
THE COST OF TURKEY, WHOLE AND PARTS.
Betty Peterkin
Feely Econ Review 21-23, Dec 1971.
A321.9 Z31
Costs, Poultry, Prepared foods, Processed foods.
Abstract: This article explains how whole turkey is usually a better buy than boned turkey roasts or turkey meat rolls in terms of the amount of meat provided.
- 2307-73**
FAST-FREEZING THE DU WAF.
Sch Foodserv J 25 (11): 25, 81: 51-54, Sept 1971.
339.8 SCH6
Breads, College food service, Costs, Dry ice, Food preparation, Freezers, Freezing, Main dishes.
Abstract: University of Denver's program prepares main dishes or sauces and bread during the summer slack time for use in winter college food service. A dry ice system was devised for freezing foods.
- 2308-73**
FRESH FROM THE WEST.
Sch Foodserv J 25 (10): 33, Nov/Dec 1971.
339.8 SCH6
Purchasing, Storage, Vegetables.
Abstract: List indicating length of time vegetables may be kept, and seasonal chart for western-grown vegetables and melons.
- 2309-73**
FOOD PURCHASING.
Georgia, Dept. of Education, Office of School Administrative Services, School Food Services Unit
Atlanta 63 p. (n.d.).
TX911.3.P854 F6N (School lunch 6)
Canned foods, Dried foods, Food purchasing, Food service training, Food specifications, Food standards and legislation, Fresh foods, Frozen foods, School food service.
Abstract: This course is designed to help school food service managers become more proficient in the purchasing of food in quantity. Purchasing requires technical knowledge of nutrition, economics, marketing and food processing. It is dynamic and ever-changing with new products and new processes being constantly developed.
- 2310-73**
PURCHASING.
Georgia, Dept. of Education, Office of School Administrative Services, School Food Services Unit
Atlanta 118 p. (n.d.).
TX911.3.P8542 (School lunch 7)
Eggs, Fish, Food purchasing, Food service training, Meat, Milk products, Miscellaneous foods, Poultry, School food service.
Abstract: It is very difficult to identify one specific food service responsibility as being more important to a successful school food service program than another. It is also very difficult to have a good program unless the purchasing practices and procedures are based on sound business principles. When good purchasing practices are applied, the first major step will have been taken towards a successful, well managed operation.
- 2311-73**
HANDLING FRESH FROZEN CUT-UP CHICKENS.
Sch Lunch J 24 (7): 67-68, Jul/Aug 1973.
339.8 SCH6
Food preparation, Food storage, Food yields, Frozen foods, Poultry.
Abstract: U.S. Food and Nutrition Service instructions for handling fresh, frozen cut-up chickens in school lunch programs to avoid spoilage or serious food poisoning.
- 2312-73**
INPUT OUTPUT - THE COMMISSARY SYSTEM.
Ruth Richard
Instit/Vol Feeding 69 (11): 31-35, Jul 1, 1971.
TX820.15
Food delivery systems, Food preparation and distribution systems, Food purchasing, Food sanitation, Food service, Food storage.
Abstract: A commissary is a unit making sales to a limited number of customers. Each is an individualized operation, designed to satisfy a particular need. Using typical U.S. commissaries for illustration, this article describes the components of a commissary and its methods of food distribution.
- 2313-73**
IS YOUR COLD STORAGE ADEQUATE?
Food Serv 34 (4): 58-65, Apr 1972.
339.2538 F732
Food preservation, Freezers, Guides, Refrigeration, Storage equipment.
Abstract: The increased volume of frozen products and changes in delivery flow from distributors call for more adequate cold storage. A two-page listing of equipment manufacturers is presented, including information on mobile carts and other transport equipment for cold storage use, roll-in and tray racks, shelving, both reach-in and walk-in refrigerators and freezers, combination dual temperature, walk-in and reach-in refrigerators and freezers, and undercounter units. Temperature requirements for various types of foods are discussed also.
- 2314-73**
SUPERSHOPPER: A GUIDE TO SPENDING AND SAVING.
David Klein, Maryann Klein
New York, Praeger 175 p. 1971.
TX335.K46 F6N
Adolescents (12-19 years), Consumer economics, Consumer education, Employment opportunities.
Abstract: This book is a casually written guide to saving money when shopping. The authors give information on making and saving money, understanding advertisements, avoiding brand-name shopping, what to shop for, when to shop, and where to shop, shopping by mail, and buying in installments.
- 2315-73**
QUANTITY FOOD PURCHASING.
Lendal H Kotschevar
New York, John Wiley & Sons 619 p. illus. 1961.
TP370.K65 F6N
Canned foods, Food grades, Food processing, Food purchasing, Food service, Food standards and legislation, Fresh foods, Institutional feeding.
Abstract: This book is for those who purchase food in quantity. Emphasis is on selection and specification requirements for major foods bought by food services. Criteria for purchasing is presented in precise form, but detailed enough to allow safe purchase of ungraded or unstandardized products.
- 2316-73**
THE LETTUCE LESSON.
Food Serv 33 (6): 28-29, June 1971.
339.2538 F732
Leafy green vegetables, Lettuce, Salads.
Abstract: This guide details proper lettuce handling and use to make crisp, fresh salads. The ideal lettuce head should "give" slightly when squeezed; such heads are perfect for lettuce cups, cutting into wedges, for rafts, for cutting into chunks, for tearing into bite-size pieces, or for coarse shredding. Firmer heads are good for fine shredding and for cutting into chunks. Directions to insure crisp lettuce are included.
- 2317-73**
EFFECT OF PACKAGING ON QUALITY OF DEHYDRATED POTATO GRANULES DURING STORAGE.
Guinevere Lisberg
Northridge, Calif. 58 p. 1971.
TX559.P45 F6N
Dried foods, Evaluation, Food packaging, Food processing, Food quality, Potatoes, Research methodology, Storage.
M.S. Thesis, San Fernando Valley State College.
Abstract: The effect of packaging material on the quality of dehydrated potato granules during storage was studied. Hermetically sealed cans of potato granules were repackaged in plain and foil-lined pure-paks (milk cartons). Half gallon and gallon sizes of each type were tested. The pure-paks and cans (used as a control) were stored under three conditions: 72 degrees Fahrenheit, 90 percent relative humidity; and 100 degrees Fahrenheit, 92 percent relative humidity. The samples were withdrawn at four week intervals, while color remained stable, flavor and odor deteriorated slightly during the initial phases of the study for samples in pure-pak containers. There was little change in hexanal and moisture content. Other assays indicated that the decrease in quality for the pure-pak samples became more pronounced near the end of the storage period.
- 2318-73**
FOOD AND BEVERAGE PURCHASING.
Bruno Meisel
New York, ITT Educational Services, Inc. 243 p. 1971.

2319-73

TX911.3.P5928 F6N (Hotel-motel management series)
Beverages, Commercial food service, Convenience foods, Food delivery, Food purchasing, Recordkeeping, Storage, Teaching guides, Workbooks.
With a teacher's manual (102 p.) and a workbook (120 p.).
Abstract: This textbook is directed primarily at high quality commercial food service establishments, where needs are more exacting and cost controls more rigid. General principles of purchasing are covered, and particular items are discussed in detail. Each item is described, typical varieties and grades are listed, and seasonal and geographical availability is given. Receiving, storage, and control procedures are also included.

2319-73

MARKET CATEGORY: SCHOOL LUNCH PROGRAMS.
Food Serv 34 (7): 48-53, 62, Jul 1972.
389.2535 F732

Equipment, Food preparation, Prepared foods, Purchasing, School lunch programs.
Abstract: This is a continuation of the directory begun in the May 1972 issue. The directory defines major food and equipment sources in the U.S. In this issue, the items listed are those needed by school lunch programs.

2320-73

PURCHASING EGGS FOR FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Robert A. Grover, Charles E. Eshbach
Amherst, Mass. 21 p. 1966.
TX911.3.P4M3 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 17)
Eggs, Food grades, Food purchasing, Food service management.
Extract: The purpose of this leaflet is to provide information which will assist food purchasers to be better informed and more confident egg buyers, to be specification buyers instead of order placers. It includes information on quality, size, grades, prices, and specifications, as well as suggestions on maintaining quality, and relating grade and size to use. There is a guide to purchasing shell eggs, and attention is also directed to how to purchase and handle egg products.

2321-73

USING STORAGE CONTROLS TO SIMPLIFY DETERMINATION OF DAILY FOOD COSTS.
Massachusetts, University, Cooperative Extension Service
Albert L. Wrisley
Amherst, Mass. 12 p. (n.d.).
TX601.432 F6N (Massachusetts, University, Cooperative Extension Service. Food management leaflet 5)
Food cost analysis, Food service management, Food storage, Recordkeeping, Records (Forms).
Extract: This leaflet emphasizes the importance of storage as a major control point for management, and describes the storage forms which can be utilized to get good control. Use of the forms is illustrated by examples.

2322-73

PURCHASING FOOD FOR FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Charles E. Eshbach, Albert L. Wrisley
Amherst, Mass. 21 p. 1965.
TX911.3.P4M32 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 10)
Food purchasing, Food service management, Merchandise information, Specifications.
Extract: Good food purchasing can probably be best described as having the right product, at the right place, at the right time, and at a price that you wish to pay. It is one of the major activities in the operation of any food service establishment. Food purchasing, just like the procurement function in any manufacturing enterprise, has much influence on the success or failure of the firm. The food service operation, like a manufacturing enterprise, receives food supplies (raw materials), manufactures them into various dishes (products), and then serves (distributes) them to customers. This leaflet will review the areas of knowledge necessary for good purchasing. Using this information in buying policy and purchasing practices, the good operator can do much to make this part of the food service operation most effective.

2323-73

USING STORAGE IN FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Robert F. Lukowski, Charles E. Eshbach, Albert L. Wrisley
Amherst, Mass. 24 p. 1968.
TX601.43 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 4)
Fish, Food service management, Food storage, Frozen foods, Meat, Milk products, Refrigeration, Vegetables.
Extract: This publication considers some aspects of the efficient use of storage facilities in a food service establishment. It is designed to call attention to major problem areas in the use of storage, and to suggest ways in which difficulties may be avoided or minimized.

2324-73

PURCHASING DAIRY PRODUCTS FOR FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Frank E. Potter
Amherst, Mass. 20 p. 1970.
TX911.3.P4M32 F54 (Massachusetts, University, Cooperative

Extension Service. Food management program leaflet 15)
Cheese, Food purchasing, Food service management, Frozen desserts, Milk, Milk products.
Extract: This leaflet is designed to provide information about dairy products, their characteristics, selection, care in handling and uses; so that these products may be more advantageously purchased and effectively used in food service establishments.

2325-73

PURCHASING CANNED FRUITS AND VEGETABLES FOR FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Robert F. Lukowski
Amherst, Mass. 21 p. 1966.
TX911.3.P4M322 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 14)
Canned foods, Food purchasing, Food service management, Fruits, Vegetables.
Abstract: This publication is designed to provide food service operators basic information on the purchasing of canned fruits and vegetables. It is not intended as a complete guide. It is a summary of the more important steps necessary for the effective purchasing of such canned foods for food service establishments.

2326-73

RECEIVING PRACTICES IN FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Robert F. Lukowski
Amherst, Mass. 20 p. 1967.
TX911.3.R4M3 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 3)
Equipment, Food delivery, Food service management, Recordkeeping.
Extract: The purpose of this leaflet is to suggest procedures that will be helpful to food service operators in supervising and controlling receiving practices. In any food service operation, continuous effort should be made to improve receiving practices. Too frequently operators are inclined to feel that receiving takes care of itself. The procedures described in this leaflet are not presented as the only way to resolve the many problems in receiving. All of the suggestions may not be applicable to all food service establishments. They can, however, serve as a guide for improving the existing receiving of food service establishments. They should help the food service operator analyze his own operation and identify his problems.

2327-73

PURCHASING STEEF FOR FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
Albert L. Wrisley, Ernest M. Buck, Charles E. Eshbach
Amherst, Mass. 31 p. 1966.
TX911.3.P4M324 F6N (Massachusetts, University, Cooperative Extension Service. Food management program leaflet 16)
Food grades, Food purchasing, Food service management, Food storage, Meat, Specifications.
Extract: Good beef purchasing requires a variety of skills on the part of the food buyer. These skills must be sharpened by experience, but their achievement rests on a body of knowledge that can be divided into five general areas. These areas are: (1) the needs of the establishment, (2) the beef market, (3) beef and beef products, (4) the procedures used in buying beef and (5) the procedures used in handling and storing beef. This leaflet will review these areas of concern. A clear understanding of them should enable the food service buyer to be more effective in purchasing beef.

2328-73

CARE AND HANDLING OF PREPARED FROZEN FOODS IN FOOD SERVICE ESTABLISHMENTS.
Massachusetts, University, Cooperative Extension Service
A. T. Miller
Amherst, Mass. 8 p. 1965.
TX628.M32 F6N (Massachusetts, University, Cooperative Extension Service. Food management leaflet 9)
Bacteria, Food service management, Food storage, Frozen foods, Refrigeration, Sanitation.
Extract: This publication briefly reviews the way that foods react to freezing and frozen storage, discusses the reasons why prepared frozen foods require special care and handling, and suggests precautions which will assist the food service operator to protect both the quality of his product and the health of his customers. This leaflet is not a technical manual on the subject. It is a summary of the more important conclusions derived from extensive scientific research on frozen foods.

2329-73

MEAT PURCHASING.
J. J. Winderstock
Cornell Hotel and Restaurant Admin Quarterly 11 (3): 60-64, Nov 1970.
TX901.C67
Cost effectiveness, Food grades, Food purchasing, Food standards and legislation, Food storage, Frozen foods, Meat, U.S. Dept. of Agriculture.
Abstract: For the purchaser of meat, whether in single cuts or large quantities, this article presents the basic principles of meat selection. Inspection and grades of meat are discussed, as well as quality and cutability standards, meat specifications, aging or ripening of meat, and receiving and storing.

- ing meat.
- 2330-73**
MEAT BUYER'S GUIDE TO PORTION CONTROL MEAT CUTS.
National Association of Meat Purveyors
Chicago, Ill. 64 p. illus. 1957.
TX373.M32 F64
Beef, Food purchasing, Lamb, Meat, Pork, Portion control, Veal.
Abstract: This booklet provides information about portion control meat cuts--the cuts of meat purveyed to restaurants and institutions for mass feeding. The types of meat discussed are beef, lamb, veal, and pork. Meat processing is illustrated for each type and cut of meat.
- 2331-73**
MEAT BUYER'S GUIDE TO STANDARDIZED MEAT CUTS.
National Association of Meat Purveyors
Chicago 64 p. [n.d.].
TX911.3.P843 F64
Food guides, Food service industry, Meat, Purchasing.
Extract: This brochure presents the standardized meat cuts to the food service industry. It is the intent of the work to aid buyers of meat cuts through the adoption of a uniform nomenclature, and by a careful and complete description of each cut, supplemented with color photographs, to obviate misunderstanding.
- 2332-73**
BUYING, HANDLING AND USING FRESH VEGETABLES.
National Restaurant Association
Chicago, Ill. 23 p. [n.d.].
TX401.J5 F54
Food grades, Food purchasing, Food quality, Food selection, Fresh foods, Storage, Vegetables.
Abstract: Commercially grown fresh vegetables, excluding home garden produce, constitute an eighth by weight of all food eaten in this country. Included in this Bulletin is information about 34 fresh vegetables normally used in restaurants (considering miscellaneous greens as one item). Data is provided on sources of supply, availability, varieties, buying considerations, grades, containers, amounts needed for 100 portions, suitable storage temperatures and conditions, and uses.
- 2333-73**
BUYING, HANDLING AND USING FRESH FRUITS.
National Restaurant Association
Chicago, Ill. 19 p. [n.d.].
TX397.U5 F54
Food grades, Food purchasing, Food quality, Food selection, Fresh foods, Fruits, Storage.
Abstract: Fresh fruits are essential to a well balanced nutritious meal. Included in this bulletin are descriptions of 33 fruits normally usable in restaurants, giving information about sources of supply, availability, uses, buying considerations, grades, varieties, containers, suitable storage conditions and holding temperatures.
- 2334-73**
HOW TO BUY FOR SCHOOL LUNCH.
New Mexico, Dept. of Education
Santa Fe, N.M. 45 p. [n.d.].
TX911.3.P844 F64
Canned foods, Fish, Food purchasing, Fresh foods, Meat, Poultry, School lunch programs.
Abstract: This bulletin was compiled to provide pertinent buying information so that schools can keep food costs low and food standards high. Minimum standards are set for many commonly used foods.
- 2335-73**
TEXTURED VEGETABLE PROTEIN, FISH PROTEIN CONCENTRATE, AND MICROCRYSTALLINE CELLULOSE AS EXTENDERS IN MEAT LOAVES.
Doris Sarah Hoffman
M.P. 44 p. 1971.
TX838.N6 F64
Fish protein concentrates (food), Food composition, Meat, Microcrystalline cellulose, Palatability ratings, Protein foods, Statistical data, Synthetic foods, Textured vegetable proteins.
Thesis (M.S.) - Purdue University, facsimile by the University, Lafayette, Indiana.
Abstract: This master's thesis studies various extenders used in meat loaf. Meat loaves prepared with the extenders were scored subjectively by a taste panel for texture, flavor, and juiciness. Loaves with added FPC and Avicel were not well accepted in terms of flavor and texture. Loaves prepared with TVP were well accepted for flavor and texture. There was no significant difference in juiciness scores.
- 2336-73**
QUANTITY GUIDE: FAR HILL SCHOOL FOOD SERVICE.
North Carolina, Dept. of Public Instruction
Raleigh, N.C. 145 p. [n.d.].
TX652.N6 F64
Food guides, Food purchasing, Food service training, School food service, Statistical data, Type A lunch.
Extract: To meet Type A requirements it is necessary that we consider each component of the Type A lunch and pre-calculate the quantity of food necessary to purchase, prepare, and serve for any given number of lunches. Through the use of the Quantity Guide, which has been prepared by a computer, it is now possible to vary quickly determine the amounts of food necessary to meet Type A lunch requirements with the greatest efficiency of operation.
- 2337-73**
ORGANOLEPTIC TECHNIQUE PREDICTS REFRIGERATION SHELF LIFE OF FISH.
S E Cherm
Food Technol 26 (7): 65, 66, 67, 68. Jul 1972.
389.8 F7398
Fish, Food preservation, Food spoilage, Food storage, Prediction, Refrigeration.
Abstract: A trained odor panel was used to predict the end quality of cod fillets from knowledge of the initial quality and the conditions of refrigerated storage. The rate of spoilage was determined organoleptically at various constant temperatures and was used to predict quality after storage at constant and varying storage conditions. The method lends itself to simple graphical representation.
- 2338-73**
PEANUT BUTTER USE ENCOURAGED.
Sch Foodserv J 26 (10): 30. Nov/Oct 1972.
389.3 SCH6
Baked goods, Child nutrition programs, Commercial food service, Food processing, Peanuts, Proteins, School food service.
Abstract: Commercial bakers request 500 pound drums for peanut butter for bakery products used in child nutrition programs.
- 2339-73**
POTATOES MADE EASY FOR SCHOOL LUNCH.
I C Laine
Sch Lunch J 25 (1): 46-48, 51-53. Jan 1971.
389.4 SCH6
Convenience foods, Cooking, Food quality, Frozen foods, Nutrition, Potatoes, Purchasing, School food service, Storage.
Abstract: Types of convenience foods (potatoes) available, their quality, storage, cooking, and purchasing.
- 2340-73**
PROCESSING COMMODITIES SAVES MONEY FOR NATION'S SCHOOLS.
Sch Foodserv J 27 (2): 37-38, 41, 43-46. Feb 1973.
389.8 SCH6
Commodities, Costs, Food processing, School food service.
Abstract: SOC (State Option and Cost) contracts allows federal government to use federal bidding process to find the lowest prices for processing commodities for use in the school food service programs.
- 2341-73**
PROCUREMENT PROGRAMMED FOR PROFIT.
Richard K Rodgers
Food Serv 33 (2): 12. Feb 1971.
389.2538 F732
Food purchasing, Food service management, Purchasing, Systems analysis.
Abstract: These guidelines help identify and focus on the phases of procurement in a food service system that need upgrading: (a) evaluate the menu against the needs and expectations of the clientele, (b) review revised procurement policies and procedures against actual operating requirements and eating group expectations, (c) review about forecasting to determine more accurate product utilization requirements, (d) adjust the procurement system as needed to utilize local fruits, vegetables, or other food items wherever they can add variety and interest to menus, (e) develop an "approved supplier program" for every item purchased--and stay with it, (f) perform a "raw-to-ready effectiveness check" against each major food product category used, (g) use a worksheet (as reproduced in the article) to organize information, (h) put emphasis on "supplier development."
- 2342-73**
SYNTHETIC FOOD.
Magnus Pyke
London, John Murray 145 p. 1970.
TP370.P93 F64
Alcoholic beverages, Carbohydrates, Fats and oils, Flavorings, Food processing, Food technology, Proteins, Synthetic foods, Vitamins.
Abstract: This book reviews the knowledge now available on synthetic foodstuffs: how protein and protein-like substances, fats, sugars, vitamins, and flavorings are synthetically prepared. It also discusses how foods of varying consistency, aroma, color, and appearance can be made. The author also considers whether or not the manufacture of synthetic food can make any significant contribution to the alleviation of world hunger.
- 2343-73**
A REVIEW OF FROZEN ENTREES AT THE PEAK OF THE "RAW-TO-READY" SCALE.
Food Serv 33 (5): 34-37. May 1971.
389.2538 F732
Convenience foods, Frozen foods, Main dishes, Processed foods.
Abstract: Listed here are over 300 entrees, with information on portions, package size, and processors. Main ingredients range from beans, beef, chicken, seafood, and ham, to meatballs, pancakes, oysters, turkey, veal, and waffles.

2344-73

2344-73

FOOD PURCHASING: STUDY GUIDE, 1st ed.
Lynne Ross, Roberta Mohr McHenry
Ames, Iowa: The Iowa State University Press 94 p. 1971.
TX943.Z67 F64
Food cost analysis, Food purchasing, Inservice courses, Recordkeeping, Specifications, Study guides.
Abstract: Food service personnel need to be able to purchase, care for, prepare, and serve quality food. This twelve lesson study course is designed for self study by food service workers or as a training aid to be used by dietitians and managers. It contains basic information on recordkeeping and the selection and specification of food items. Questions and activities are included to involve the student immediately and practically with the material being presented.

2345-73

HANDLING, TRANSPORTATION, AND STORAGE OF FRUITS AND VEGETABLES: VOLUME I - VEGETABLES AND MELONS.
A Lloyd Tyall, Garner J. Linton
Westport, Conn., AVI 473 p. illus. 1972.
TX601.Z9 F64
Food preservation, Food storage, Fruits, Marketing, Vegetables.
Abstract: This book covers the biological and physical aspects of marketing fresh vegetables, including potatoes and melons. The authors discuss the research that has been done on harvesting, preparation, packaging, transportation, and storage of horticultural crops. Attention is also devoted to control of post-harvest diseases and disorders, and to physiological changes that occur in harvested crops.

2346-73

SHOPPING FOR SHORTENING.
Food Serv 32 (7) 42, Jul 1970.
389.2533 F732
Baking, Cooking methods, Fats and oils, Food packaging, Fry-ing, Deep fat.
Abstract: This three-page table lists the processor and brand of over thirty shortenings and oils for deep-frying, deep-frying and baking, baking, griddling and/or pan-frying, and salad dressing. Packaging information is included.

2347-73

STORAGE OF FRESH BROCCOLI AND GREEN BEANS - EFFECT ON ASCORBIC ACID, SUGARS, AND TOTAL ACIDS.
Mary S. Egan, Dianne J. Jland
J Am Diet Assoc 50 (5): 402-406, May 1972.
399.6 A434
Food analysis, Food preservation, Food storage, Nutrient content determination, Refrigeration, Vegetables.
Abstract: Fresh broccoli and green beans were stored in air at intervals up to one week at 2 degrees C. The vegetables were analyzed for moisture, pH, total acids, and reduced ascorbic acid. In addition, broccoli was analyzed for sucrose, reducing, and total sugars. In one of two studies of green beans, dehydro ascorbic acid was also analyzed. Broccoli did not lose reduced ascorbic acid when stored up to seven days, whereas green beans lost as much as 85 per cent in six days. It was suggested that the difference between the stability of ascorbic acid in broccoli and in green beans may be due to the presence of sulfhydryl groups in broccoli. Total acids increased and pH decreased during storage of broccoli, but the change in these constituents in green beans was minimal.

2348-73

FOOD PURCHASING PRACTICES, RELATED TO BEHAVIORAL AND SOCIOECONOMIC CHARACTERISTICS.
Texas, Agricultural Experiment Station
College Station, Texas 105 p. Feb 1972.
TX356.F4 F64 (Southern Cooperative series bulletin no. 172)
Consumer economics, Dairy foods, Food purchasing, Home management.
In cooperation with Alabama, Georgia, Kentucky, Mississippi, South Carolina and Virginia Agricultural Experiment Stations and U.S. Dept. of Agriculture.
Abstract: This report is concerned with the development of an in-depth study of subjective factors related to food buying behavior, personal characteristics of the homemaker respondent and the family decision making structure as each of these relate to buying decisions and expenditures for food. Dairy products were used as a tool food. Sample families were drawn from two types of urban communities of seven participating states.

2349-73

TEMPERATURE-INDICATING SYSTEM 'WRITES' STATUS OF PRODUCT SHELF LIFE.
K H Hu
Food Technol 26 (10): 55, 57, 58, 60, 62, Aug 1972.
389.6 F7393
Chemistry, Food packaging, Food preservation, Food storage.
Abstract: Theoretical basis for and development of a time-temperature indicating system capable of giving warning and expiration messages about the shelf life of a product in storage are detailed. Device consists of an oxidizable chemical system enclosed in a plastic pouch which may be attached to cartons of food products in storage.

2350-73

THE FREEZING PRESERVATION OF FOODS; VOLUME 4 - FREEZING OF PRECOOKED AND PREPARED FOODS, 4th ed.
Donald K. Tressler, Wallace B. Van Arsdell, Michael J. Cooley
Westport, Conn., AVI 1968.
TP493.Z5.T7 F64
Convenience foods, Food preservation, Freezing, Frozen foods, Prepared foods.
Abstract: This is the fourth and final volume of "The Freezing Preservation of Foods." It is concerned with the freezing of precooked and prepared foods. The first chapter opens with a review of the development of the industry starting with the development of frozen cooked lobster meat, crab, and winter squash. The rise of the industry is traced product by product; then the latest available statistics are presented. The second chapter is concerned with the chemical, enzymatic, and microbiological problems of preparation for freezing, storage, and reheating precooked foods. In each of the next 10 chapters, formulas found best for freezing of a given class of food products are presented. The procedures used in making the products are outlined and the methods of freezing commonly employed are indicated. These chapters are followed by a presentation of the problems of selecting foods for inclusion in meals on a tray, the storage of frozen precooked foods and means of increasing storage life, the handling and use of precooked frozen foods in restaurants, hotels, institutions, and other eating places.

2351-73

GUIDE FOR WAREHOUSING; USDA-DONATED FOODS.
U.S., Agricultural Marketing Service
Washington, D.C. 35 p. illus. 1959.
TX601.U52 F64 (U.S. Agricultural Marketing Service, PA-373)
Donated foods, Equipment, Facilities planning and layout, Recordkeeping, Specifications, Storage, Warehousing, Work simplification.
Abstract: This handbook is designed to guide distributing agencies in the proper method of handling and warehousing USDA-donated foods which are available to state agencies for distribution to schools, charitable institutions, needy persons, and other eligible recipients. The information presented here has been drawn from many sources and includes findings from the latest research on handling and storing the various foods being distributed. This material has been assembled to acquaint distributing agencies with the types of warehouses, storage facilities, and equipment needed for handling and storing USDA-donated foods.

2352-73

FOOD PURCHASING GUIDE FOR GROUP FEEDING.
U.S., Agricultural Research Service
Betty Peterkin, Beatrice Evans
Washington, D.C. 34 p. 1965.
TX911.3.P8U5 F64 (U.S. Agricultural Research Service, Handbook no. 284)
Food composition, Food purchasing, Food yields, Institutional feeding, Portion control.
Revised.
Abstract: This handbook presents information helpful to food managers in estimating quantities of foods to be purchased for group feeding in small and large institutions. Data for food items, including many of the new market forms, are presented for purchase units most commonly used. The latest information on yields from the weight "as purchased" to the weight "as served" was used to derive the estimated number of portions of specified sizes from a purchase unit and the approximate number of purchase units needed to serve 25 and 100 persons.

2353-73

TOWARD THE NEW: A REPORT ON BETTER FOODS AND NUTRITION FROM AGRICULTURAL RESEARCH. Revised.
U.S., Agricultural Research Service
Washington, D.C. 60 p. illus. 1970.
S21.A74 F64 (U.S. Agricultural Research Service, Agricultural Information bulletin no. 341)
Agricultural development, Food contaminants, Food science, Food technology, Fruits, Meat, Potatoes, Trace elements, Type A lunch.
Abstract: Agricultural science contributes to human nutrition in many ways. New technology has added to the world's store of foodstuffs. Innovative efforts in the field of nutrition and the agricultural sciences make up the subject matter of the articles contained in this USDA booklet. The information is intended to inform consumers of new developments.

2354-73

FOOD STORAGE GUIDE FOR SCHOOLS AND INSTITUTIONS.
U.S., Consumer and Marketing Service
Washington, D.C. 42 p. illus. 1965.
TX601.U522 F64 (U.S. Consumer and Marketing Service, PA-403)
Donated foods, Facilities planning and layout, Food delivery, Food storage, Institutional feeding, Recordkeeping, Sanitation, School food service.
Abstract: This handbook has been prepared as a guide for schools and institutions, to show good methods of handling and storing USDA-donated and locally purchased foods. The information was drawn from many sources and includes latest research data available on types of storage facilities and equipment needed for handling and storing foods. Good storage facilities, both dry and refrigerated, help keep foods safe, wholesome, and appetizing. Meals taste better, and are better nutritive.

tionally, if all foods used to prepare them are at the peak of quality. Careful menu planning, good buying practices, and good storage all help to provide well-balanced meals at reasonable prices. In many instances, food losses resulting from deterioration and infestation are the result of inadequate storage facilities, undesirable handling practices, and other conditions that can be corrected by following the preventive and control measures outlined in this handbook.

2353-73

THE MARKET FOR FOOD IN THE NATION'S SCHOOLS.
U.S., Dept. of Agriculture, Economic Research Service, Marketing Economics Division
Martin Kriesberg
Washington, D.C. 54 p. 1965.
L83475.J523 F64 U.S. Dept. of Agriculture, Economic Research Service. Marketing research report no. 702)
Food economics and consumption, Food purchasing, School lunch programs, Statistical data.
Extract: This report is based on a study of the market for food in schools during 1962-63. Comparison with a benchmark survey conducted 5 years earlier shows that during the intervening period the number of public school districts decreased by one-third, while pupil enrollment increased by about 10 percent. The number of lunches served in the National School Lunch Program expanded rapidly, at least 20 percent, during these 5 years. The objective of this report is to provide a current picture of the school food market, which will reflect shifts in quantities and types of foods served in school lunch rooms. It also contains an evaluation of trends in school feeding and identifies areas warranting special attention in the operation of the National School Lunch and Special Milk Programs of the U.S. Department of Agriculture.

2356-73

FOOD BUYING GUIDE AND RECIPES; PROJECT HEAD START.
U.S., Dept. of Health, Education, and Welfare
Washington, D.C. 119 p. (n.d.).
L81140.J523 F64 (Project Head Start rainbow series 3A)
Diet care services, Food purchasing, Head Start, Standardized recipes.
Abstract: The food buying guide and recipes in this publication were developed especially for the Project Head Start feeding program. The food buying guide provides information for calculating the quantities of food to be purchased and used by Project Head Start Centers serving breakfasts, lunches, mid-morning or mid-afternoon snacks. The information in this guide is in accord with recommendations on sizes of servings contained in "Nutrition, Better Eating for a Head Start", published by the Office of Child Development. This publication also includes quantity recipes and other information needed to prepare meals or snacks. The recipes have been standardized to give a definite number of portions of a size suitable for small children. In addition, a table is included to help determine the amount of food to buy for use in the recipes. All items which would be purchased by weight or in cans, except juices, are included. Foods purchased by volume are not included. The factors given in this table can be used for any size recipe used in different feeding centers.

2357-73

UNITED FRESH ADVERTISING: FRESH FRUITS AND VEGETABLES.
United Fresh Fruit and Vegetable Association
R A Seelig
Washington, D.C. 74 p. 1970.
HF5369.F645 F64
Advertising, Food composition, Food grades, Fresh foods, Fruits, Nutrient values, Vegetables.
Revised.
Extract: A United booklet called Selling words and phrases, which has long been much in demand, has been improved, updated and supplemented with a large number of precise, scientifically sound statements on the nutritional value of fresh fruits and vegetables. Sentences and phrases applying to fruits and vegetables generally are given in the opening part of the book; then material on each commodity, from onion to watermelons.

2358-73

TOWARD BETTER TOMATOES.
United Fresh Fruit and Vegetable Association
Washington, D.C. 15 p. illus. 1968.
S8349.L55 F64
Agriculture, Flowers, fruit vegetables, Food preservation, Food quality, Storage, Tomatoes.
Abstract: This booklet, directed at tomato growers and distributors offers advice on growing high quality tomatoes and maintaining their quality during shipping and storage. Since consumer complaints about tomato flavor are frequent, the emphasis is on maintaining flavor.

2359-73

CONSERVING NUTRIENTS IN HANDLING, STORING AND PREPARING FRESH FRUITS AND VEGETABLES; FRUIT AND VEGETABLE FACTS AND POINTERS.
United Fresh Fruit and Vegetable Association
R A Seelig
Washington, D.C. und. n.d.
TX612.F75 F64 (United Fresh Fruit and Vegetable Association. Fruit and vegetable facts and pointers)
Food preservation, Food spoilage, Fresh foods, Fruits, Storage, Vegetables.
Extract: The nutritive value of fruits and vegetables is not

measured by their cost or the quantity brought home but on how much of the food purchased is actually eaten and the nutrients this portion contains. Nutrients begin to be lost as soon as fruits and vegetables are harvested, and whether or not they are processed, although in exceptional instances, there is an actual increase in certain nutrients in the fresh, still living, unit. There are ways of keeping losses to a minimum and especially of insuring the preservation of a high percentage of the ascorbic acid (vitamin C) and carotene (provitamin A) of which fruits and vegetables are the principal dietary sources. This report deals only with conserving nutrients in the fresh products.

2360-73

WHAT'S IN THE CAN?
G E Niesel, D R Page, G A Lynch
Sch Foodserv J 26 (6): 32,34-36. June 1972.
389.8 SCH6
Canned foods, Purchasing, School food service.
Abstract: Information from several school food service directors on food purchasing programs.

2361-73

WHY NOT COOPERATIVE PURCHASING?
M Brokaw
Sch Foodserv J 26 (6): 31. June 1972.
389.8 SCH6
Costs, Public schools, Purchasing, School food service.
Abstract: Cooperative purchasing by various school districts is saving 5-7% in costs. A guest editorial.

2362-73

STORAGE SPECIFICS.
Jule Wilkinson
Chicago, Institutions Magazine/Volume Feeding Management 104 p. 1969.
TX601.W5 F64
Facilities planning and layout, Food storage, Freezers, Refrigeration, Space utilization, Storage, Storage equipment.
Abstract: This booklet compiles information about food storage systems and equipment--dry stores, refrigeration, frozen foods, housekeeping storage, waste disposal, and others. Award-winning designers, fabricators, and installers of food storage housing and equipment are listed. Also included is a directory of food storage equipment suppliers.

2363-73

WILL RAMADA'S PROCUREMENT SYSTEM WORK FOR YOU?
Glenn Schulman
Cooking For Profit 263: 62-66. Nov 1972.
TX901.C6
Cost effectiveness, Food purchasing, Food service management, Purchasing.
Abstract: This article analyzes the potential usefulness of the Ramada system for other food service operations. Built around a set of national agreements with foodservice distributors, processors and manufacturers, Ramada Inn's nationwide procurement system allows effective coordination of food and coverage quality while materially lowering costs. Standardized recipes, preparation notes and service guidelines control foodservice output throughout the Ramada system. A national purchasing program controls product and equipment input.

2364-73

COLD AND FREEZER STORAGE MANUAL.
W R Woolrich, E R Hollowell
Westport, Conn., AVI 338 p. 1970.
TD493.W6 F64
Food storage, Frozen foods, Refrigeration, Storage.
Extract: Over the past few years, the frozen food industry has expanded many fold in freezer storage and has also been penetrated by the kindred fields of locker, underground, chain store and home cabinet freezers. Large plants have continually expanded and very low temperature installations are also increasing. This book is a manual of storage practice, design criteria, and miscellaneous information intended to serve as a guide to anyone interested in cold storage design. It is an attempt to put into lay language various facets of design and operating procedures common to most storage warehouses. It is not intended as a technical manual of exact design but rather as a coordinating volume for use between owner and designer of a cold storage warehouse to effect a better understanding of what may be expected in design and operation.

2365-73

YOU AND YOUR FROZEN-FOOD DISTRIBUTOR.
W A Hall
Cooking for Profit 42 (267): 61-62. Mar 1973.
TX901.C6
Commercial food service, Food service industry, Frozen foods, Marketing, Storage.
Abstract: Choose your frozen food distributor carefully. Get a man who will fulfill his function properly in handling, storing, and delivery.

Subject Index

ACADEMIC DEVELOPMENT

Food science programs. 1100

ACADEMIC PERFORMANCE

Prediction of student performance through pretesting in food and nutrition. 1214

ACCIDENT PREVENTION

Accidents don't happen (Filmstrip). 1694
Hospital kitchen safety (Film loop). 1722
How to get ready for your next accident. 1723
Kitchen safety: Preventing burns (Film Loop). 1731
Kitchen safety: Preventing burns (Motion Picture). 1734
Kitchen safety: Preventing cuts and strains (Film Loop). 1735
Kitchen safety: Preventing cuts and strains (Motion Picture). 1735
Kitchen safety: Preventing falls (Motion Picture). 1737
Kitchen safety: Preventing fires (Film Loop). 1735
Kitchen safety: Preventing machine injuries (Film Loop). 1739
Kitchen safety: Preventing scalding injuries (Motion Picture). 1740
Safety and sanitation. 1754
An ounce of prevention (Filmstrip). 1755
The right way (To lift) (Filmstrip). 1762
Safety in the kitchen (Transparencies). 1765
Work smart--stay safe: an employee safety message (Film-strip/Record). 1748

ACCOUNTING

Food service manual for health care institutions. 757
New directions for action. 761
The development of desirable school lunch accounting procedures. 763
Data processing procedures for cafeteria accounting. 766
Management procedures and records. 767
Accounting practices for hotels, motels, and restaurants. 803
Managerial accounting for the hospital-service industries. 818
The practice of general management. 819
Using financial statements in food service establishments. 854
Preparing budgets for food service establishments. 845
Using break-even analysis in food service establishments. 855
A proposed procedure of standardized accounting for the school lunch program in Oklahoma. 916
School food service financial management handbook for uniform accounting. 919
The numbers game: uses and abuses of managerial statistics. 934
School food service: twelve trends you should track. 945
How to manage a restaurant or institutional food service. 969
Food service in industry and institutions. 970
Systems approach to labor cost control. 976
School food service financial management seminar for uniform accounting. 985
Principles of public accounting. 987
Essentials of managerial finance. 998
Introduction to professional food service. 1053
Commercial foods. 1175

ACIDS

Sugar, acid, and flavor in fresh fruits. 1943

ACTIVITY LEARNING

Applying learning theory in teaching nutrition. 68
Fun with food facts. 137

A resource handbook for teaching nutrition in the elementary school. 223
Teaching the young child good eating habits for life. 311
Nutrition in music (Audiotape). 408
The Real talking, singing, action movie about nutrition (Motion picture). 467
Nutrition education for young children. 553
Science in food and nutrition. 556
A "fair" way to teach nutrition. 1011
The calorie game. 1043
Cooking in the kindergarten. 1061
Education for dietetics: the In-Basket Technique. 1377
File and the media (Revelation). 1089
Visual aids in nutrition education. 1095
Teach nutrition with games. 1162
Animal feeding demonstrations for the classroom. 1168
Teaching successfully in industrial education. 1240
Cooking is fun. 1471

ADDITIVES AND ADULTERANTS

Communicating with the consumer: safety of food supply. 7
Eliminating warmed-over flavor in pre-cooked food. 166
Fulfilling the scientific community's responsibility for nutrition and food safety. 217
Legal requirements for food safety. 696
Food additives. 1711
The safety of foods. 1760
Food pollution. 1876
Protein concentrates and cellulose as additives in meat loaves. 1922
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1954

ADMINISTRATION

Education in the States: nationwide development since 1900. 645
Public Law 91-246, 91st Congress, H.R. 515. 723
Accountability '73, food service style. 751
Colorado school lunch handbook. 778
Management functions of school and non school food services. 881
The more effective school food service supervisor in the larger job. 890
Panel on characteristics of centralized food service systems. 917
The school food service administrator and the computer. 945
Private school lunch. 984
Examiner's manual for the tests of general educational development. 1019
A casebook on administration and supervision in industrial--technical education. 1040
Hotel and restaurant administration and related subjects. 2236
Good references on day care. 2281

ADMINISTRATION POLICIES

Education in the States: nationwide development since 1900. 645
A.D.A. supports school food service in testimony before congressional committees. 670
A.D.A. testimony on school lunch before House of Representatives' committee. 671
The development of a national nutrition policy. 680
The case against hunger. 690
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 727
State department of education policies. 754
College accreditation policies for nontraditional education. 755
Handbook for official GED Centers. 756
The media bureaucracy. 887
Position paper on automatic food service. 922
Nutrition implementation programs as

communication systems. 1197
Our future is you (Motion picture). 1209
Their daily bread. 1984
Acceptance of the school lunch program in Kansas. 1992
Selection of policies for the local lunch program in the public schools. 2011
Position paper on food and nutrition services in day-care centers. 2046
School lunch looks to the future. 2057
White House Conference on Aging - report of the Nutrition Section. 2101

ADMINISTRATIVE PERSONNEL

Appraising managers as managers. 873
Educators' attitudes toward nutrition education in Florida. 1080
Majority of administrators unimpressed by school lunch criticisms. 2020
The one in charge - the government nutrition programs. 2026
11. Consumer specialists of the Food and Drug Administration. 2239

ADMINISTRATOR ROLE

The school administrator and the food service program. 920

ADMISSION CRITERIA

College accreditation policies for nontraditional education. 755
Opportunities for educational and vocational advancement. 1016
Granting credit for service school training. 1018
The non-high-school-graduate adult in college and his success as predicted by the tests of general educational development. 1079

ADOLESCENTS (12-19 YEARS)

Action on teenage nutrition. 50
Nutrition for athletes: A handbook for coaches. 62
Dietary habits and food consumption patterns of teenage families. 146
General factors affecting college needs: food preferences, habits, and intake. 222
Hemoglobin and folate levels of pregnant teenagers - relationship to dietary levels. 237
A boy and his physique. 333
They ask why. 345
A source book on food practices with emphasis on children and adolescents. 352
National nutrition education conference. 359
Nutrition education for youth. 395
Food choices: the teen-age girl. 402
Food. 406
Serum cholesterol from pre-adolescence through young adulthood. 490
Teste sensitivity and food aversions of teenagers. 512
Teen-age food habits - a multidimensional analysis. 514
The teenage obesity problem - why? - part two. 515
The teenage obesity problem - why? - part 1. 516
Teenagers and food: their eating habits. 517
Dietary studies of northern Utah pre-adolescent and adolescent children. 574
How to push a good thing. 856
Seaphore high school students' attitudes toward school lunch. 957
Teenager - the marketer's dilemma. 977
Certain approach to nutrition education. 1049
Points for Planning Type A lunches. 1355
Writing their own menus. 1370
Operation bag lunch. 2041
Slim'n swim--a summer nutrition program for underprivileged teen-age girls. 2061
Summer feeding: East and West. 2070
Summer food service in Cincinnati. 2071

PAGE 187

ADULT EDUCATION

Put egg in your pizza. 2159
Tacos--taste treat for tots to teens. 2170
Secondary teaching materials and teacher references. 2266
Supershooper. 2314

ADULT EDUCATION

Child malnutrition and its implications for schools. 113
College accreditation policies for nontraditional education. 755
Guidelines for hospitality education in junior college. 1015
Opportunities for educational and vocational advancement. 1016
Granting credit for service school training. 1018
Back-to-schoolers earn diplomas. 1033
Basics of adult motivation. 1035
Continuing education in nutrition. 1060
The non-high-school-graduate adult in college and his success as predicted by the tests of general educational development. 1079
Community action: adult education. 1247
The New York Times guide to continuing education in America. 2274
Allied health education programs in junior colleges/1970. 2293

ADULT NUTRITION EDUCATION

Nutrition education guide. 155
Nutrition instructors guide for training leaders. 552
Leader's handbook for a nutrition and food course. 555

ADULT VOCATIONAL EDUCATION

Developing a hospitality program in high schools. 1053
Supervised food service worker. 1249

ADULTS

The irony of affluence-adult nutrition problems and programs. 267
Nutritive content of the usual diets of slighly-two men. 431
Preformed vitamin A, carotene, and total vitamin A activity in usual adult diets. 452

ADVERTISING

New regulations on "cents-off" promotions. 28
Organic foods. 31
Commercialism and malnutrition--time for a dialogue. 120
Statement of Walter A. Condon, M.D., President and Chief Executive Officer, Wilus Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs. February 24, 1971. 124
Nutrition education comes into its own. 392
Nutrition education--1972 hearings. Ninety-second Congress, second session. 549
Sounds from Capitol Hill: some regulations, more restrictions. 719
Can you compete against the \$50,000 menu? 770
Create your own good-neighbor policy. 777
Franchising in perspective. 830
Fresh beef ads and product names. 831
How patrons are lured to individual eating establishments. 852
Baker boy manual: a guidebook for your retail operation. 862
Promotion in food service. 874
Teenager - the marketer's dilemma. 977
Menu design - merchandising and marketing. 1358
Special atmosphere III: country/Colonial themes. 1545
Cooking the modern way with stainless steel steam-jacketed kettles. 1550
Simple training plan cuts accidents. 1776
Celebrities air food help message. 1981
Food beverage industries: a bibliography and guidebook. 2294
When you advertise: fresh fruits and vegetables. 2357

AFRICA

The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
The ecology of malnutrition in Northern Africa. 300
Food composition table for use in Africa. 2227

AGE GROUPS

Nutrition: a comprehensive treatise. 83
Behavioral and metabolic consequences of weight reduction. 88
The family guide to better food and better health. 138
Introduction to nutrition. 142
Calorie requirements. 148
Encyclopedie saderne de l'hygiene alimentaire. 276
Progress in human nutrition: volume I. 291
They ask why. 345
Food and nutrient intake of individuals in the United States: spring 1965. 534
Ten-state nutrition survey, 1968-1970. 564
What influences malnutrition? 595
Why people eat what they eat. 608
Young America dines out: how youth voted in '72. 1005
Nutrition education: Selecting and organizing material for different age groups. 1194
Advanced menu planning. 1323

AGING

Where old age begins (Slides). 604

AGRICULTURAL DEVELOPMENT

Symposium papers on food and health. 367
Trends in the U.S. meat economy. 664
World food and population problems: Some possible solutions. 669
Ecological pressures on nutritional resources. 807
Effects of some new production and processing methods on nutritive values. 1637
Foods of the future. 1855
The future of the food industry. 1864
Genetic improvement of crop foods. 1865
Food for tomorrow: resources, environment, distribution. 1885
Notebook on soy: agricultural research means new foods. 1894
Notebook on soy: why 'engineered' foods at school. 1899
Food aid: a selective annotated bibliography on food utilization for economic development. 2226
World food-population levels. 2245
Toward the new. 2353

AGRICULTURAL EXTENSION SERVICE

The expanded food and nutrition education program. 171
Nutrition education by nonprofessional aides. 391
Nutrition awareness in the USDA. 2034

AGRICULTURE

Nectarines. 43
Hunger, U.S.A. 119
Nutrition of animals of agricultural importance: part I. 134
Food for a modern world (Motion picture). 196
The ecology of malnutrition in Central and Southeastern Europe. 297
The ecology of malnutrition in five countries of Eastern and Central Europe. 298
The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
The ecology of malnutrition in Northern Africa. 300
Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
Mulligan stew: Count down 4-4-3-2 (Videotape). 316
Uncle Jim's dairy farm. 330
Food science and how it began. 334
More milk please! 335
Animals that give people milk. 344
You and your food (Motion picture). 617
You and your food (Motion picture) (Spanish). 618
Attack on starvation. 635
Hello U.S.A. 644
Our daily bread. 651
Potatoes: production, storing, processing. 662
Dry onions. 666
Peanuts: production, processing, products. 668
The changing food market - nutrition in a revolution. 774
The \$130 billion food assembly line (Filmstrip). 1789
Food for a modern world (Videocassette). 1852

Genetic improvement of crop foods. 1865
Food for tomorrow: resources, environment, distribution. 1885
Directory of information resources in agriculture and biology. 2252
Conversion factors and weights and measures for agricultural commodities and their products. 2282
Food beverage industries: a bibliography and guidebook. 2294
Toward better tomatoes. 2358

AIR

Man, health, and environment. 230
The ABC'S of make-up air. 1547

AIR CONDITIONING

The air conditioning story: part 5. 1549

AIR CONTAMINANTS

Air quality and the char broiler. 1550
The role of range hoods in maintaining residential air quality. 1659

AIRLINE CATERING

A foodservice system that works. 324
Air fare: a complete convenience system. 1375

ALASKA

School lunch: Alaska style. 2058

ALBERTA, CANADA

Exploring local resources. 1087

ALCOHOLIC BEVERAGES

Alcoholic malnutrition (Slides). 54
Calorie requirements. 148
Hearings. Ninety-second Congress, second session, on nutrition and human needs. 1955
Wine. 1967
Ice cream cocktails: a profit potential. 2144
Synthetic feed. 2342

ALCOHOLISM

Alcoholic malnutrition (Slides). 54

AMERICAN DIETETIC ASSOCIATION

A.D.A. supports school food service in testimony before congressional committees. 670
A.D.A. testimony on school lunch before House of Representatives' committee. 671
Position paper on automatic food service. 922
Position paper on food and nutrition services in day-care centers. 2046
AMERICAN INDIANS
New (nutrition) twist to an old game. 361
Jemez Pueblo discovers the cup-can. 2015

AMERICAN NATIONAL RED CROSS

Nutrition services of the American Red Cross. 2037

AMERICAN SCHOOL FOOD SERVICE ASSOCIATION

School lunch worker other than director or supervisor. 1025
Our future is you (Motion picture). 1209
Thousands came to dinner. 2077

AMINO ACID METABOLISM DISORDERS

The dramatic story of PKU. 155
Responses of children with phenylketonuria to dietary treatment. 472

AMINO ACIDS

How a hamburger turns into you (Motion picture). 240
How a hamburger turns into you (Videocassette). 241
The importance of protein in the meatless meal. 252
Linear programming controls amino acid balance in food nutrition. 280
Amino acid fortification of protein foods. 482
Amino acid content of foods. 539
Meeting future needs. 1879
Artificial and synthetic foods. 1887
Food values of portions commonly used. 2216
Food composition: Tables for use in the Middle East. 2258

ANALYTICAL METHODS

Assaying the availability of iron - techniques, interpretations, and usefulness of the data. 70
Nutrition: a comprehensive treatise. 83
Beef cooking rates and losses - effect on fat content. 84
Cholesterol, fat, and protein in dairy products. 117
Effect of microwave heating on vitamin

86 retention in chicken. 161
Effect of storage and other variables on composition of frozen broccoli. 162
Effects of microwaves on food and related materials. 155
Fatty acids in foods served in a university food service. 173
Fatty acids, cholesterol, and proximate analyses of some ready-to-eat foods. 183
Folic acid in wheat and selected feeds. 185
Functional properties of carbohydrates. 218
Modern food analysis. 232
Food science & technology, volume III. 258
Iron content of some Mexican-American foods - effect of cooking in iron, glass, or aluminum utensils. 262
Laboratory handbook of methods of food analysis. 277
Linear programming controls amino acid balance in food nutrition. 280
Lipid components of type A school lunches. 281
Major mineral elements in Type A school lunches. 285
Measuring the color of foods. 303
Metabolic effects of meal frequency on normal young men. 304
Microbiology of frozen cream-type pies, frozen cooked--peeled shrimp and dry food--grain distillation. 305
Nutrients in university food service meals - I. Data determined by food inventory. 375
Nutrients in university food service meals - II. Data from meals selected by students. 376
Nutrition notes: protein measuring system proposed to simplify nutritional comparisons. 413
Nutritional status of Negro preschool children in Mississippi - evaluation of HDP index. 425
Nutritional value of turkey protein - effects of heating and supplementary value for poor proteins. 429
Nutritive analysis of frozen fully cooked institutional foods. 430
Observations: let's look beyond nutrition to identify proteins. 436
Protein quality and PER: concepts inoperative to future foods. 459
The vitamins. 484
Tables of food composition: scope and needed research. 510
Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
Tuna. 530
Utilizable protein: quality and quantity concepts in assessing food. 575
Utilization of inorganic elements by young women eating iron--fortified foods. 575
Modern dairy products. 640
FOA seeks simpler, fast microbiological controls. 682
Nutritional labeling: a need for caution. 707
Computers in a dietary study - methodology of a longitudinal growth research project. 786
Managerial accounting for the hospitality service industries. 818
Work analysis and design for hotels, restaurants and institutions. 871
The numbers game: uses and abuses of managerial statistics. 934
Isolation from mixed culture (action picture). 1725
House toxin-neutralization test (action picture). 1748
Advantages of apo carotene in coloring non-standardized dressings and spreads. 1790
Automated deceleration of protein-nitrogen in foods. 1795
Color measurement of foods: XXXII: miscellaneous: part II: potato products. 1306
Kubelka-Munk colorant layer concept. 1873
The measurement of meat color. 1877
Permeability and food packaging. 1910
Vesicle - a natural red colorant for foods? 1929
Salmon. 1930
Stability of gravies to freezing. 1940
The technical microbiological problems

in intermediate moisture products. 1947
Techniques for milk protein testing. 1948
Practical food microbiology and technology. 1962
ANEMIA
Iron, blood, and nutrition. 266
Maternal nutrition (Slides). 296
Vitamin E as a biological antioxidant. 580
What school lunch is doing for undernutrition in Baltimore. 599
ANIMAL FATS
Trends in the U.S. meat economy. 664
Effect of fat content in cheddar, colby, and swiss cheeses on consumer preference. 808
Gain sans prestige with pork. 1333
Use of lowfat dairy spread in medium white sauce and plain white frosting. 1530
ANIMAL SOURCES OF FOOD
Nutrition of animals of agricultural importance: part I. 134
Uncle Jim's dairy farm. 330
More milk please. 335
My friend the cow. 336
Animals that give people milk. 344
Where we get our food. 346
Food pharmacology. 480
Trace elements in human and animal nutrition. 557
Feed in antiquity. 628
Hello U.S.A. 644
Trends in the U.S. meat economy. 664
Eggs (Transparencies). 1419
Fish and shellfish preparation (Film loop). 1424
Poultry preparation (Film loop). 1491
The measurement of meat color. 1877
A select bibliography and library guide to the literature of food science. 2262
ANIMAL SOURCES OF FOODS
Animal protein--keystone of foods. 65
ANTHROPOMETRY
How children grow. 358
Nutritional studies during pregnancy: I. Changes in intakes of calories, carbohydrate, fat, protein, and calcium; II. dietary intake, maternal weight gain, and size of infant. 427
Ten-state nutrition survey, 1962-1970. 564
APPETITE
Satisfying MH students' appetites and needs. 1228
APPETIZERS
The Professional chef's book of buffets. 1537
Vegetarian cookery I. 2114
Cheese cookery for everyone. 2120
The Professional chef's catering recipes. 2147
APPLES
Puddings and other delicious things. 657
Development aids: flavored, colored apple pieces offer route of distinction; school lunch entree formulations offered. 1825
Dry sauces, soups allow reap benefits of new ingredient: low moisture apple solids. 1831
Explosion-buffed apples are commercially feasible. 1842
Quality evaluation of canned and freeze-dried applesauce. 1925
APPLESAUCE
Applesauce can be perfect food for vitamin C fortification. 1792
APPLIED NUTRITION
Alexis Sayer. 622
APTITUDES
Aptitudes in selection and training of food service personnel. 1029
ARIZONA
Dietary intake and physical development of Phoenix area children. 147
A budget form for use in the public schools of Arizona. 939
Mexican-American food items in the Tucson, Arizona, school lunch program. 1990
ARLINGTON, VIRGINIA
Yorktown students don't jump for junk. 616
ASCORBIC ACID
Advances in food research: volume 18. 51
Cigarette smoking and vitamin C. 118

Vitamin C and the common cold. 446
Looking at nutrition 12 ways. 571
Applesauce can be perfect food for vitamin C fortification. 1792
Eye the potato for vitamin C. 1846
ASPARAGUS
Effect of packaging methods on frozen asparagus. 1834
ASSOCIATION OF SCHOOL BUSINESS OFFICIALS
New directions for action. 761
ATHEROSCLEROSIS
Diet and atherosclerosis. 139
Diet in early life in relation to atherosclerosis. 143
The disease of living. 152
Nutrition and ischemic heart disease. 383
Nutritional problems after fifty. 423
ATTITUDES
Attitudes toward the ben on cyclamates. 1
The allure of food cults and nutrition quackery. 57
Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
Six simple thefts: cases in internal control. 953
Sapphire high school students' attitudes toward school lunch. 957
Today's youth - A new breed of cat. 980
Educators' attitudes toward nutrition education in Florida. 1080
The effect of a nutrition education program at the second grade level. 1081
Nutrition knowledge and attitudes of early elementary teachers. 1198
Single service systems: exclusive survey showing trends and attitudes towards feedservice disposable systems and permanent ware 1972. 1596
Finding the correct retail package to introduce an unbelievable product. 1847
AUDIOVISUAL AIDS
Complete teaching kit on cheese (Films-trips). 122
AV decision model. 1012
Application of a three-stage systems approach model for producing career awareness materials. 1027
Conceptualizing the learning center. 1058
Criteria for the selection of records, filmstrips and films for young children. 1065
Easy silk screen stencils. 1075
Exploring local resources. 1087
Films help career guidance program. 1090
Visual aids in nutrition education. 1095
A foundation for in-service success. 1104
Getting participation in films. 1106
Getting the most for your media dollar. 1. 1107
Getting the most for your media dollar. 2. 1108
Preparation of inexpensive teaching materials. 1163
The video cassette, October 72. 1301
What filmstrips can do for you today. 1308
Instructional materials. 1312
Akron echoes get A for achievement with frozen type A lunches. 1376
Sanitation for food service workers. 1761
Food-borne illness. 1784
Standards for school media programs. 2201
Standards for cataloging nonprint materials. 2203
Non-book materials: the organization of integrated collections. 2211
AV cataloging and processing simplified. 2244
Communication: methods for all media. 2261
Directory of films for data education. 2275
Food makes the difference!. 2283
AUDIOVISUAL INSTRUCTION
Audio-visuals make employee training more effective. 1031
Audiovisual workshop. 1032
Classroom communication: telecourse. 1052
Film and the media (P)evolution. 1089

AUTOMATED FOOD SERVICE

- A foundation for in-service success. 1104
- The message is you. 1156
- The message is you - guidelines for preparing presentations, part three. 1157
- The message is you, part II. 1158
- Techniques for effective teaching. 1169
- Simulation of interpersonal relations. 1241
- So much for so many, for so little. 1243
- The video cassette, October 72. 1301
- Instructional television facilities. 1314
- The innovative diffusion center: a potential concept to accelerate educational change. 2242
- Learning resources: AV or library? 2245

AUTOMATED FOOD SERVICE

- Computer-assisted subsistence system. 745
- Position paper on automatic food service. 922
- The share of foodservice to come: a fable of the future with a note on the present. 1933

AWARDS

- Food service systems achievement at Pittsburgh national building. 425
- Australian Public Schools Lunch Program: a satellite system. 2098

BACTERIA

- Advances in food research: volume 18. 51
- Preparation of food samples and direct culture (motion picture). 453
- Yogurt: is it truly Adelle's B vitamin? 615
- Computer program estimates bacterial densities by means of most probable numbers. 734
- Bacterial contamination of food. 1696
- Films, films, and food (Film loop). 1709
- Foods, hands, and bacteria. 1717
- Germ from raw food (slides). 1718
- Hospital food sanitation. (Film loop). 1721
- Sanitary techniques in food service. 1742
- Quantity food sanitation. 1743
- Bacterial food poisoning. 1744
- The microbiology of frozen vegetables. 1745
- Sanitation in the kitchen (Transparencies). 1759
- Sanitation: why all the fuss (Film loop). 1773
- Sanitation: why all the fuss (motion picture). 1774
- The unwanted four: germs that cause food poisoning (Films-trip/Record). 1793
- Food-borne illness. 1794
- Washing-up: Part I (slides). 1795
- Washing-up: Part II (slides). 1787
- Protein from microorganisms. 1923
- The technical microbiological problems in intermediate moisture products. 1747
- Care and handling of prepared frozen foods in food service establishments. 2378

BACTERIOLOGY

- Computer program estimates bacterial densities: by means of most probable numbers. 734
- Food-borne illness: cause and prevention (slides). 1714
- Isolation from sliced culture (motion picture). 1725
- Mouse toxin-neutralization test (motion picture). 1745
- Sanitation for food service workers. 1761

BAKED GOODS

- Food uses of triticale. 209
- Byproducts from milk. 367
- The cookie can can. 1427
- The crunch of crackers. 1410
- Peanut butter use encouraged. 2334

BAKING

- Food science. 112
- Bread science and technology. 655
- Baker boy manual: a guidebook for your retail operation. 352
- Food service for the Army and Air Force. 973
- Oklahoma school lunch course of study. 1202

- Practical baking workbook. 1251
- Student workbook to accompany elementary baking. 1252
- Commissarymen 3 & 2. 1275
- Practical cooking and baking for schools and institutions. 1378
- Understanding baking. 1379
- Quantity cooking. 1383
- Baking a custard (Film loop). 1345
- Baking in the school lunch program. 1454
- Elements of food production and baking. 1456
- Standards, principles, and techniques in quantity food production. 1458
- Muffins (Film loop). 1468
- A portfolio of kitchen fundamentals. 1448
- Practical baking. 1517
- Breads, cakes, and pies in family meals. 1525
- Food preparation for quality Type A lunches. 1532
- Baking in the school lunch program. 1533
- Biscuit manufacture. 1544
- The 10 cooking, heating and reconstituting applications: part 4. 1546
- New process for sourdough bread improves uniformity and reduces process time. 1891
- Tomato solids in baked products. 1952
- Enzymes in food processing and products. 1972. 1986
- Vegetarian cookery 2. 2116
- Cold weather magic from your oven. 2123
- Shopping for shortening. 2346

BALANCE STUDIES

- Nutrition. 111
- Magnesium in human nutrition. 284
- Utilization of inorganic elements by young women eating iron-fortified foods. 576

BALTIMORE

- The Baltimore school lunch story. 1975

BANQUETS

- A professional's tour guide: Big Mac's Foodservice. 1652
- The techniques of culinary artistry for school banquets, luncheons, and teas. 2161

BARBECUING

- Woman's Day encyclopedia of cookery, vol. 1. 2183

BASAL METABOLIC RATE (BMR)

- Basal metabolic rate of women - an appraisal. 75

BASTING

- Roasting (Film loop). 1501

BATTERS AND DOUGHS

- Baker boy manual: a guidebook for your retail operation. 362
- Oklahoma school lunch desserts. 1203
- Understanding baking. 1379
- Understanding cooking. 1459
- Muffins (Film loop). 1468
- Pancakes (Film loop). 1481
- Practical baking. 1517
- New process for sourdough bread improves uniformity and reduces process time. 1891
- Processing frozen breads. 1920
- Tomato solids in baked products. 1952
- Vegetarian cookery 4. 2115

BEANS

- The beanery. 2300

BEEF

- Heat evaluation handbook. 698
- Institutional meat purchase specifications for fresh beef---series 100. 737
- Fresh beef ads and product names. 231
- Soy helps Skokie's budget. 961
- Beef: some answers. 1386
- Forced convection roasting at 200 degrees and 300 degrees F. 1428
- Ground beef: passport to far-away eating (Filmstrip). 1440
- Holding roast beef by three methods. 1445
- Preparing a stew (Film loop). 1494
- Around the menu with gas broilers. 1553
- On the cover: savory steak rolls can be made with less tender cuts of beef. 2155
- Meat buyer's guide to portion control meat cuts. 2330

BEHAVIOR

- How nutrition affects learning and behavior. 243
- Nutrition: Learning, Behavior and Motivation. 418
- Banquet and activity features. 1034
- Behavioral objectives help teach nutrition. 1036
- New seating patterns add visual variety. 1642

BEHAVIOR CHANGE

- An anthropologist views the nutrition professions. 66
- Applying learning theory in teaching nutrition. 68
- The development of three instruments to assess forces behind food habits and methods of change. 75
- A creative in nutrition education. 82
- Behavior modification in a self-help group - a pilot study. 86
- Behavior therapy in treating obesity. 87
- Behavioral and metabolic consequences of weight reduction. 88
- Diet healing: a case study in the sociology of health. 142
- Nutrition, behavior, and change. 225
- Improving nutrition in less developed areas. 254
- In defense of body weight. 255
- Modification of vegetable-eating behavior in preschool children. 314
- Multidisciplinary approach to the problem of obesity - sixth Martha F. Truelsen Memorial Lecture. 327
- Nutrition education is behavioral change. 396
- Nutrition instruction and lunch surveys with second graders. 409
- Predicting application of nutrition education. 451
- Research on diet and behavior. 471
- Status and achievements of the expanded food & nutrition education program. 501
- Slim chance in a fat world: behavioral control of obesity. 504
- Survey of nutrition knowledge as a part of nutrition education. 507
- What food means to children. 594
- Problems and progress in nutrition education. 1215
- Simulation of interpersonal relations. 1241
- Teaching as changing behavior. 1254
- Everybody here loves children. 1996

BEHAVIORAL OBJECTIVES

- Behavioral objectives help teach nutrition. 1036
- Writing behavioral objectives. 1317

BELGIUM

- Belgium. 2112

BERRIES

- Strawberry time. 2168

BEVERAGES

- Food pharmacology. 440
- Food study manual. 1398
- A guide to the selection, combination and cooking of foods. 1500
- Manual food and beverage dispensing equipment. 1617
- Dehydrated protein-fortified fruit juices. 1822
- Tea and coffee. 1946
- Vegetarian cookery 1. 2114
- Larousse gastronomique. 2250
- Food beverage industries: a bibliography and guidebook. 2294
- Food and beverage purchasing. 2318

BIBLIOGRAPHIES

- Nutrition/cardiovascular reviews, 1970-1971. 63
- Nutrition education research project report of Phase I. 532
- A compilation of information on computer applications in nutrition and food science. 911
- Review and analysis of curricula for occupations in food processing and distribution. 1074
- Preparation of inexpensive teaching materials. 1163
- Food service management. 1184
- Home economics research abstract: 7. food and nutrition. 2198
- Home economics research abstracts: 2. institution administration. 2199
- Books in print 1972. 2207
- Bibliography of hotel and catering operation. 2208
- Documentation in education. 2210

- Hotel and restaurant administration and related subjects. 2221
Food and a selective annotated bibliography on food utilization for economic development. 2225
Food composition table for use in Africa. 2227
Food habits: a selected annotated bibliography. 2229
Recipe Index 1970. 2232
Hotel and restaurant administration and related subjects. 2235
Research resources: volume 2. 2247
Methods and kinds of nutrition education 1951-1971: a selected annotated bibliography. 2249
A select bibliography and library guide to the literature of food science. 2262
Materials for occupational education. 2263
General teacher references. 2265
Secondary teaching materials and teacher references. 2266
Aging and nutrition. 2267
Pregnancy and nutrition. 2268
Preschool, primary and intermediate teaching materials and teacher references. 2269
An annotated international bibliography of nutrition education. 2273
The New York Times guide to continuing education in America. 2274
Selected list of available nutrition books (revised 1970). 2277
Good references on day care. 2281
Food makes the difference. 2283
Food overseas: industrialist's bibliography and bibliography. 2284
- BIOCHEMISTRY**
Nutrition of infants, of agricultural importance; part I. 134
Effects of microelements on food and related materials. 135
Functions and interrelationships of vitamins. 219
The Joule - unit of energy. 270
Progress in human nutrition: volume 1. 231
Newer methods of nutritional biochemistry with applications and interpretations - volume V. 365
Remarks on the Joule. 469
Ten-state nutrition survey, 1968-1970. 564
Water, the indispensable nutrient. 587
Where old age begins (Slide). 534
Vitamins and you (Filmstrip). 1332
Food applications for membrane ultrafiltration. 185
dina. 267
- BIOGRAPHIES**
Alexis Carrel. 577
- BIOLOGY**
Search and research. 342
Directory of information resources in agriculture and biology. 2252
- DISCUITS**
Practical baking. 1517
Alcohol manufacture. 1544
Handbook on why the "engineered" foods at school. 1879
- BLOOD ANALYSIS**
Diet and atherosclerosis. 139
Hemoglobin and folate levels of pregnant teenagers - relationship to dietary levels. 237
Iron absorption by adults fed mixtures of rice, milk and wheat flour. 261
Iron metabolism (Slide). 264
Iron, blood, and nutrition. 266
Blood serum vitamin A and carotene studies of adolescent children. 242
Nutrition notes: dairy group comments on nutritional labeling guidelines. 411
Nutrition of a group of school children in Ohio with improved diets. 438
Nutritional status of 7-10- and 11-year-old public school children in Iowa, Kansas and Ohio. 439
Protein components of blood and dietary intake of preschool children. 457
Serum cholesterol from pre-adolescence through young adulthood. 490
Prevention of iron-deficiency anemia in infants and children of preschool age. 552
- BLOOD DISORDERS**
Iron, blood, and nutrition. 266
- BOOY COMPOSITION**
Behavioral and metabolic consequences of weight reduction. 88
Exercise, dietary intake, and body composition. 170
Frequency of feeding, weight reduction, and body composition. 214
Understanding food. 511
You and your food (Motion picture). 617
You and your food (Motion picture) (Spanish). 618
Vitamins and you (Filmstrip). 1302
- BOOY TEMPERATURE**
Nutrition II. 69
- BOOKKEEPING**
Math workbook - food service/lodging. 1064
- BOT'ISM**
Communicating with the consumer: safety of food supply. 7
Preparation of food samples and direct culture (Motion Picture). 453
Botulism. 1697
Food-borne illness: cause and prevention (Slide). 1714
Isolation from mixed culture (Motion picture). 1725
Mouse toxin-neutralization test (Motion picture). 1745
- BOX LUNCH**
Quantity food preparation: a course for school food services. 1332
The Baltimore school lunch story. 1975
Operation box lunch. 2041
- BRAIN DAMAGE**
Nutrition and learning - implications for schools. 364
- BRAIN DISEASES**
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1354
- BRAISING**
Thiamine and riboflavin retention in cooked variety meats. 525
Braising and stewing (Film Loop). 1388
Around the menu with gas-fired tilting braising pans. 1554
Woman's Day encyclopedia of cookery, vol. 2. 2147
- BREADS**
Basic values in nutrition: part III: bread-cereal group (Transparencies). 40
The dietary iron controversy. 148
The need for cereal foods of improved protein value in the United States. 157
The experts debate: the added enrichment of bread and flour with iron. 172
The heart of the matter - a matter of opinion. 233
Mulligan stew: The great nutrition turn on (Motion picture). 323
Mulligan stew: The great nutrition turn on (Videocassette). 326
Round-table discussion. 479
Bread science and technology. 655
School food service management. 1131
Oklahoma school lunch course of study. 1202
Quantity cookery and food preparation. 1377
Understanding baking. 1379
Quantity food preparation: a course for school food service. 1392
Food study manual. 1398
Food preparation for school food service personnel. 1436
Hot breads: a profitable "extra". 1447
Baking in the school lunch program. 1454
Practical baking. 1517
Breads, cakes, and pies in family meals. 1525
Baking in the school lunch program. 1533
Defatted germ flour - food ingredient from corn. 1520
Developing a product to make salads taste special. 1823
Independent bakers prove sales advantage of nutritional enrichment. 1869
New process for sourdough bread improves uniformity and reduces process time. 1891
Processing contracts mean more bread. 1919
Processing frozen breads. 1920
Recent developments in the vitamin technology of bread---history pertinent today. 1926
- inmate solids in baked products. 1952
Vegetarian cookery 2. 2116
Woman's Day encyclopedia of cookery, vol. 2. 2147
Fast-freezing the DU way. 2307
- BREADS (QUICK)**
Techniques of making quick breads. 1519
- BREADS (YEAST)**
Kansas State develops dry mix for yeast bread. 1455
Breads around the world. 2117
- BREAKFAST**
Alexander's breakfast secret (Filmstrip). 55
Breakfast and the bright life (Filmstrip/Record). 98
Breakfast: 4-4-3-2 way (Show'M Tell). 29
It all begins as breakfast. 269
Food for you. 302
Mulligan stew: Look inside yourself (Motion picture). 319
Mulligan stew: Look inside yourself (Videocassette). 320
What did you have for breakfast this morning? 347
A source book on food practices: with emphasis on children and adolescents. 352
Nutrition of a group of school children in Ohio with improved diets. 438
A study of the breakfast eating habits of school age girls and boys, grades one through twelve, of an Oklahoma community with implications for teaching nutrition. 609
Breakfast breakthrough - a convenience cast goes international. 764
Breakfast the convenient way. 1322
What's for breakfast? 1369
Breakfast: the fare that's first in profits. 1389
Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1827
How to start a breakfast program. 2010
- BREAKFAST CEREALS**
The need for cereal foods of improved protein value in the United States. 157
It all begins as breakfast. 269
On-target meals: action for health (Filmstrip). 442
Nutrition education--1972. 547
Gallup surveys the breakfast cereal bowl. 843
Cereal service: breakfast and beyond. 1397
- BREAST FEEDING**
Help for malnourished children in Latin America. 235
Why school lunch fails. 2103
- BROILERS (EQUIPMENT)**
The 10 cooking, heating and reconstituting applications: Part 4. 1546
How to get better service from your gas broiler. 1583
The finishing kitchen. 1686
- BROILING**
Broiling (Film Loop). 1390
The hamburger sandwich (Film Loop). 1441
Air quality and the char broiler. 1550
Around the menu with gas broilers. 1553
- BUDGET PROCEDURES**
Principles of public accounting. 987
- BUDGETING**
Budgeting by food groups. 2
Buying nutrition. 25
Managerial accounting for the hospital: service industries. 818
Budgeting: key to planning and control. 867
Operating budgets for food service establishments. 885
School food service financial management handbook for uniform accounting. 919
A budget form for use in the public schools of Arizona. 939
Management function of a centralized school food service system. 959
Marketing in action for hotels, motels, restaurants. 987
Essentials of managerial finance. 998
A casebook on administration and supervision in industrial--technical education. 1040
New Professionals to the rescue. 1179
Save for a chance: ideas to cut costs.

SUBJECT INDEX

BUDGETS

- 1504
- What schools are doing. 2099
- Quantity food purchasing guide. 2301

BUDGETS

- Budgeting by food groups. 2
- ASBU resolution affirms dedication to educational and food service needs of students. 48
- A guide to nutrition and food service for nursing homes and homes for the aged. 366

BUFFETS

- The professional chef's book of buffets. 1537

BUILDING EQUIPMENT

- The imperative of adequate wiring - part 2. 1171
- An important aid to the dish machine - the electric booster water heater. 1593
- Science fundamentals: a background for household equipment. 1548

BULK SERVICE

- Convenience food systems: open school selects bulk food system. 1404
- School systems implementation: Texas style. 2059

BUREAUCRACY

- The media bureaucracy. 887
- Stinging attack blasts school lunch programs. 2367
- Learning resources: AV or library? 2245

BURNS

- Kitchen safety: Preventing burns (Film Loop). 1733
- Kitchen safety: Preventing burns (Motion Picture). 1734

BUTTER

- Use of lowfat dairy spread in medium white sauce and plain white frosting. 1530

CAFETERIAS

- Booze in shopping centers offers foodservice opportunities. 752
- Cafeteria service (Film Loop). 765
- Making cafeterias work. 879
- Satisfaction up. Costs down in 'open' cafeterias. 943
- Food service. 1151
- Write your own ticket (Films/Records). 1316
- Rush hour service (Film Loop). 1502
- New seating patterns add visual variety. 1642
- Break for the "lunch bus". 1976
- The impact of school food service, its value to education and its future. 2013
- Nova means new--in school foodservice too!. 2032

CAKES

- Oklahoma school lunch desserts. 1203
- Understanding baking. 1379
- In cake merchandising, easy does it!. 1453
- Practical baking. 1517
- Breads, cakes, and pies in faculty meals. 1525
- Austria. 2111
- Vegetarian cookery 4. 2115

CALCIUM

- The cost of milk and milk products as sources of calcium. 13
- Contribution of hard water to calcium and magnesium intakes of adults. 128
- Fat metabolism in children - influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 175
- Calcium in nutrition. 338
- We're short of calcium, too!. 589

CALCULATED NUTRIENT CONTENT

- Composition and nutritive value of dairy foods. 123
- Nutritional improvement and world health potential. 421
- Diet is not just a four-letter word. 1329
- Models for control of nutritive content of menus planned by computer. 1346
- Proposed nutritional guidelines for formulated meals--foods of the future. 1921

CALENDARS

- Chasas' calendar of annual events. 2214

CALIFORNIA

- The effect of a nutrition education program at the second grade level. 1041
- Films help career guidance program. 1090

- From the bounty of California. 1432
- High school lunch progress - a model for decision analysis. 1994
- The Sacramento system: commodity compatibility. 2050

CALORIC INTAKE

- Dietary habits and food consumption patterns of teenage families. 146
- Calorie requirements. 188
- Food for health: calories (Film loop). 197
- Multidisciplinary approach to the problem of obesity - sixth Martha F. Truison Memorial Lecture. 327
- Obesity - new happenings. 433
- Weight control of children with Prader-Willi syndrome. 590
- Gallus counts the calorie counters. 832

CALORIC MODIFICATIONS

- Basic nutrition and diet therapy. 476

CALORIC VALUES

- All calories don't count - perhaps. 56
- The calorie versus the Joule. 104
- Calories (Film loop). 105
- Calories, energy and weight control. 106
- Food for health: calories (Film loop). 197
- The Joule - unit of energy. 270
- Choose your calories by the company you keep. 356
- Remarks on the Joule. 469
- Understanding food. 511
- Calories and weight. 538
- Formulating low calorie foods with carbohydrate gums. 1856
- Food values and calorie charts. 2271

CALORIC-RESTRICTED DIETS

- Gallus counts the calorie counters. 832
- Diet is not just a four-letter word. 1329

CANADA

- Canada launches a national nutrition survey. 107
- The Canadian dietary standard. 108
- Nutrition Canada. 378
- Continuing education conferences. 1059
- Food science programs. 1120

CANCER

- Man, health, and environment. 230
- Some thoughts on food and cancer. 497
- Current saccharin actions place added stress on need for a non-nutritive sweetener. 1816
- Food pollution. 1876
- Evaluating the safety of food chemicals. 1886
- Nitrites and nitrates in food. 1895
- Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955

CANDY

- Positioning a product for the special market. 1913
- Vegetarian cookery 5. 2206

CANNED FOODS

- A cline peach kaleidoscope. 431
- Aid 'canned' imagination to school lunches. 1319
- Canned entrees are better than ever. 1393
- Canned puddings: key cost control and profit aspects. 1394
- The Philadelphia plan--lunch in a can. 1484
- U.S. families still preserve food at home. 1529
- Philadelphia hot lunch program: a model for low-budget schools. 1650
- Cleanliness and storage (Film loop). 1702
- Consumer study shows preference for tomato paste in glass jars. 1810
- New to the convenience roster: canned crushed tomatoes. 1893
- Nutritive value of canned meals. 1905
- Quality evaluation of canned and freeze-dried applesauce. 1925
- Selmer. 1930
- Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1956
- Convenience food systems: Sacramento develops a convenience-nutrition system. 1986
- Peaching the hard-to-reach schools. 2049
- The fair peer. 2127
- Food purchasing. 2309
- Quantity food purchasing. 2315

- Purchasing canned fruits and vegetables for food service establishments. 2325
- How to buy for school lunch. 2334
- What's in the can? 2360

CANNING

- The food processing front of the seventies. 1854

CARBOHYDRATE-RICH FOODS

- Carbohydrates and fats (Film loop). 109

CARBOHYDRATES

- Carbohydrates and fats (Film loop). 109
- Diet and atherosclerosis. 139
- Food science: a chemical approach. 213
- Functional properties of carbohydrates. 214
- Mulligan stew: The racer that lost his edge (Motion picture). 324
- Mulligan stew: The racer that lost his edge (Videotape) 1. 325
- Newer methods of nutritional biochemistry with applications and interpretations - volume V. 368
- Review of protein and carbohydrate metabolism. 475
- Formulating low calorie foods with carbohydrate gums. 1856
- Synthetic food. 2342

CARDIOVASCULAR DISORDERS

- Exercise testing and training of apparently healthy individuals: a handbook for physicians. 62
- Nutrition/cardiovascular reviews, 1970-1971. 63
- Vitamin E: your key to a healthy heart. 72
- Your heart has nine lives. 95
- The disease of living. 152
- Fats and heart disease. 177
- Nutrition and ischemic heart disease. 343
- Vitamin E and heart disease. 579

CARE

- Nutrition education through the mass media in Korea. 1194
- CARE strikes back at world's malnutrition. 1979

CAREER CHOICE

- Application of a three-stage system approach model for producing career awareness materials. 1027
- Career discoveries: People who make things (Films/Records). 1044
- Career discoveries: People who organize facts (Films/Records). 1045
- Films help career guidance program. 1090
- Jobs for you: It's happening in home economics (Filmstrip). 1137
- What will I be from A to Z. 1167
- A New horizon: careers in school food service (Filmstrip). 1173
- Your future in food science. 1239
- Your future in restaurants and food service. 1307
- Where do I go from here (Motion picture). 1310
- Write your own ticket (Films/Records). 1316

CAREER EDUCATION

- Career discoveries: People who make things (Films/Records). 1044
- Career discoveries: People who organize facts (Films/Records). 1045
- Jobs for you: It's happening in home economics (Filmstrip). 1137
- What will I be from A to Z. 1167
- A New horizon: careers in school food service (Filmstrip). 1173

CAREER LADDERS

- A study of career ladders and manpower development for non-management personnel in the food service industry. 795
- Career ladders in food service. 1046
- Career ladders in food service. 1047
- Educating the dietitian in a changing world. 1076
- Help wanted: career ladders turn dead-end jobs into career opportunities. 1111
- The key to survival and growth. 1144
- Food preparation specialist. 1183
- So you want to get ahead? 1245
- Training makes Frisch a growing Big Boy. 1270
- Your future in restaurants and food service. 1307

CAREER PLANNING

- The dietetic professional in the labor force. 1069
- So you want to be a consultant? 1244

- So you want to get ahead? 1245
You. 1314
- CAREERS**
The Patent Office. 637
So you want to be a consultant? 1244
So you want to get ahead? 1245
You. 1314
- CAROTENES**
Blood serum vitamin A and carotene studies of preadolescent children. 247
Preferred vitamin A carotenes and total vitamin A activity in usual adult diets. 452
Effect of processing on provitamin A in vegetables. 1333
- CARICONS**
Dudley the Dragon. 61
Food facts and fun with "Butter & Bacon". 227
Learning resources: AV or library? 2245
- CARVING TECHNIQUES**
All about knives (Filmscripts). 1552
- CASE STUDIES**
Nutrition and diet therapy. 610
An administrator's view of school food service. 752
Cost of finances in centralized food service systems. 796
Identification of communication problems in organizations. 359
Organizing centralized school food service systems. 914
A casebook in administration and supervision in industrial-technical education. 1340
Education for dietetics: the in-basket technique. 1077
A practical guide for supervisory training and development. 1146
Techniques for effective teaching. 1169
Year-round schools: districts develop successful programs. 1171
Control of use of space and equipment. 1565
Directing and communications in a central system. 1983
- CATALOGING**
Standards for cataloging nonprint materials. 2233
Non-book materials: the organization of integrated collections. 2231
AV cataloging and processing simplified. 2244
- CATERING**
Baker boy manuals: a guidebook for your retail operation. 462
Let's tell it like it is!. 875
The professional chef's book of buffets. 1537
Meals for the elderly. 2024
The professional chef's catering recipes. 2147
Biography of hotel and catering operation. 2238
- CELERY**
Celery: the crunch kids like. 2119
- CELLS**
Nutrition and cell growth. 363
- CENTRAL KITCHEN**
A survey of factors relating to the prepackaged lunch system in selected school districts. 1412
Saw for a change: ideas to cut costs. 1523
Establishing central school lunch kitchens in urban areas. 1527
- CHANGE AGENTS**
"JPS" - Knowledge Utilization for Problem Solving. 743
Developing community support of nutrition education programs. 671
- CHARIS**
A guide to good eating. 354
Creative approaches to type A new planning in meeting current social needs. 1328
- CHEESE**
Complete teaching kit on cheese (Filmscripts). 122
Major mineral elements in dairy products. 245
Newer knowledge of cheese. 345
Byproducts from milk. 357
Emphasize product identity on labels. 631
Effect of fat content in cheddar, colby, and Swiss cheeses on consumer preference. 835
Gallup survey - what everyone says "cheese!". 841
- Cheese packages - goatskins to laelanties. 1403
Flavors and flavor development in some Italian cheese varieties. 1874
Non-dairy cheese - a unique reality. 1896
Enzymes in food processing and products. 1972. 1966
Cheese cookery for everyone. 2120
A renaissance of natural cheeses. 2161
Women's Day Encyclopedia of cookery. vol. 3. 2182
Purchasing dairy products for food service establishments. 2324
- CHEMICAL COMPOSITION**
Modern food analysis. 232
Interactions of nutrients with oral contraceptives and other drugs. 257
- CHEMICAL CONTAMINANTS**
Fact and fancy in nutrition and food science - chemical residues in foods. 275
Fulfilling the scientific community's responsibility for nutrition and food safety. 217
- CHEMISTRY**
Effects of microwaves on food and related materials. 165
Interactions of nutrients with oral contraceptives and other drugs. 257
The vitamins. 484
Selenium: the maddening mineral. 486
What is soy protein? 598
Science of home economics and institutional management. 933
Science fundamentals: a background for household equivalent. 1648
Food applications for membrane ultrafiltration. 1851
Kubelka-Munk colorant layer concept. 1873
Wine. 1967
Time-temperature-indicating system "writes" status of product shelf life. 2349
- CHICAGO**
The implementation of a simplified infant food service system. 1592
- CHICKEN**
Cooking techniques for broiler chickens. 1814
- CHILD NUTRITION PROGRAMS**
Children's food service programs - conference report. 724
Materials for use in special food service summer recreation training program, summer 1972 - training site supervisors. 1244
Special food service program for children, summer programs. 1245
Materials for use in special food service summer recreation training program, summer 1972 - training program sponsors. 1246
Notebook on why 'engineered' foods at school. 1999
At the threshold of attainment. 1974
Breakfast delight. 1977
Child nutrition - a proud record. 1982
From Colorado: get the most out of summer feeding. 2008
Jemez Pueblo discovers the cup-can. 2015
A new decade for School Food Service. 2029
A nutritious diet for all Americans. 2038
Position statement of the American School Food Service Association on food served in child nutrition programs. 2047
Project on foods and nutrition services in the Public Schools (in North Carolina). 2048
Stinging attack blasts school lunch programs. 2067
Federal interagency day care requirements. 2084
Why won't they eat? 2104
Implications of the National nutritional study. 2241
Against butter use encouraged. 2338
- CHILD REARING PRACTICES**
Cost of raising a child. 14
Child malnutrition and its implications for schools. 113
Diet in early life in relation to atherosclerosis. 143
I.L.C. and the hungry child. 599
Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 513
- CHILDREN**
ASBO resolution affirming dedication to educational and food service needs of students. 48
Accuracy of 24-hr. recalls of young children. 49
The development of three instruments to assess forces behind food habits and methods of change. 75
Dietary levels for tri-city elementary school children. 81
Child nutrition: An idea whose time is here. 114
Commercial malnutrition?--time for a dialogue. 120
Communicating with the consumer: nutrition for a good start. 121
The lunch bunch study. 131
Dietary intake and physical development of Phoenix area children. 147
The dramatic story of PKU. 155
Education increases consumption of vegetables by children. 159
Fat metabolism in children - influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 176
Focus on nutrition...You can't teach a hungry child. 2. 184
Food and nutrient intake of children from birth to four years of age. 190
If you want to beautify America, feed a child. 250
Improving nutrition in less developed areas. 254
Iron deficiency in rural infants and children. 263
Let's make nutrition education exciting. 278
Blood serum vitamin A and carotene studies of preadolescent children. 282
Malnutrition and its social implications. 287
A source book on food practices: with emphasis on children and adolescents. 352
How children grow. 358
New (trillion) twist to an old game. 361
New, how about child day everyday? 373
Nutrition and handicapped children. 381
Nutrition and learning - implications for schools. 384
Nutrition by practice. 389
Nutrition education and the Spanish-speaking American. 390
Food. 406
Responses of children with phenylketonuria to dietary treatment. 472
Nutrition and intellectual growth in children. 522
Basic data on metabolic patterns in 7- to 10-year-old girls in selected Southern states. 533
Nutrition education--1972 hearings, Ninety-Second Congress, second session. 549
Screening children for nutritional status. 560
The urban avalanche and child nutrition - I. impact during the industrial revolution and now. 573
Dietary studies of northern Utah pre-adolescent and adolescent children. 574
Why people eat what they eat. 608
You can't teach a hungry child. I lunch survey. 619
Acceptability of low-fat milk by school children. 750
Children's perception of food. 775
Let's play detective. 1150
What will I be from A to Z. 1167
Hamburgers and cookies and bananas and chicken and sweet potato cake and milk shakes and brownies and marshmallows and bacon and... 1337
The Philadelphia plan--lunch in a can. 1444
Seasoning secrets. 1510
USB on the hunger front. 1960
Everybody here loves children. 1996
Extended child-feeding projects will mean more use of FF. 1997
L.A. kids get hot meals this summer; their grandparents get something, too. 2018
Nutrition services in child health programs. 2036
Operation bag lunch. 2041
Special food service for summer. 2063

SUBJECT INDEX

CHILDRENS GAMES

Summer feeding: East and West. 2073
Summer programs offer 'three stars'. 2073
Summer school-feeding program fills need in Hereford. 2074
Child nutrition programs. 2093
The White House Conference on Children. 2102
Why school lunch fails. 2103
Children of working mothers. 2215

CHILDRENS GAMES

New (trillion) twist to an old game. 361
Everywhere that Mrs. Farley went... 104

CHOCOLATE AND COCOA

Chocolate: the Aztec's crown gold. 630
Hot beverage systems. 1581

CHOLESTEROL

Your heart has nine lives. 95
Cholesterol content of foods. 116
Cholesterol, fat, and protein in dairy products. 117
Diet and atherosclerosis. 139
Diet in early life in relation to atherosclerosis. 143
The disease of living. 152
Effect of diet and/or exercise on obese college women. 153
Fatty acids in newer brands of margarine. 179
Fatty acids, cholesterol, and arachidonic analyses of some ready-to-eat foods. 190
Nutrition and ischemic heart disease. 381
Your diet: health is in the balance. 403
Serum cholesterol from pre-adolescence through young adulthood. 490
Teenagers and fats: their eating habits. 517
Composition of foods. 2280

CHOLESTEROL-LOW DIETS

Textured vegetable protein... solution to institutional dietary problems? 521

CITRUS FRUITS

The chemical constituents of citrus fruits. 272
The Real talking, singing, action movie about nutrition (feature picture). 467
Hurray for the clockwork orange! 1452

CITY DEMOGRAPHY

Manpower report of the President. 2284

CIVIL DEFENSE AND DISASTERS

A manual for emergency mass feeding indoors. 1474
Basic course in emergency mass feeding. 1528

CIVIL SERVICE EXAMINATIONS

Food handling and food service examinations. 1149
This is your passbook for food service worker. 1170
Food service supervisor-school lunch manager. 1274

CLEANING EQUIPMENT

Hotsoft dishwashing (film loop). 1414
The best investment we've ever made. 1557
Detroit research shows two-bucket technique yields cleaner floors. 1564
An important aid to the dish machine - the electric booster water heater. 1593
Food service planning. 1606
How to select and care for serviceware, textiles, cleaning compounds. 1607
Science fundamentals: a background for household equipment. 1648
Household equipment. 1649
Your biggest investment (film loop). 1690
Cleaning and sanitizing (film loop). 1699
Floor care (film loop). 1710
A practical primer on essential sanitation concepts. 1758

CLIMATIC FACTORS

Celestial requirements. 188

CLINICAL DIAGNOSIS

Exercise testing and training of apparently healthy individuals: a handbook for physicians. 52
How to diagnose nutritional deficiencies (slides). 246
Lactose intolerance. 275
The status of nutrition in the United States. 532
Screening children for nutritional status. 560
Ten-state nutrition survey, 1968-1970.

564
Problems of assessment and alleviation of malnutrition in the United States. 577
Review of nutrition and diet therapy. 611
Athercraft Centers combine nutrition and social sciences. 2028

COFFEE

Tea & coffee. 627
Coffee: it can make you or break you. 777
Food training routines. 1142
Recommendations on coffee service. 1480
Cooking the modern way with stainless steel steam-jacketed kettles. 1580
Hot beverage systems. 1581
Tea and coffee. 1946

COFFEE SHOPS

Tea & coffee. 627
Dirty dirt--our mortal enemy. 1707
COLD TRAY PACK
Hot lunches are within easy reach. 1448

COLLECTIVE BARGAINING

The evolving payboard regulations. 810

COLLEGE ADMISSION

A guide to the evaluation of educational experiences in the armed services. 1017

COLLEGE CURRICULUM

Food science education. 1099
Food preparation specialist. 1183

COLLEGE FOOD SERVICE

Fatty acids in foods served in a university food service. 178
Nutrients in university food service meals - I. Data determined by food inventory. 375
Nutrients in university food service meals - II. Data from meals selected by students. 376
All the hot soup they want. 753
Guide to foodservice management. 776
Something special at O.U. 956
Testing of products is essential. 1520
Total convenience on the college campus - special report. 2079
'Quality first' at Texas A&M. 2248
Fast-freezing the OU-way. 2307

COLLEGE PROGRAMS

Programmed instruction in nutrition for collegiate nursing students. 1219
Food study manual. 1308

COLLEGE STUDENTS

Effect of diet and/or exercise on obese college women. 160
Food practices and preferences of some college students. 206
Frequency of feeding, weight reduction, and body composition. 214
Frequency of feeding, weight reduction, and nutrient utilization. 215
Metabolic effects of meal frequency on normal young men. 304
Nutrients in university food service meals - I. Data determined by food inventory. 375
Nutrients in university food service meals - II. Data from meals selected by students. 376
Utilization of inorganic elements by young women eating iron-fortified foods. 576
The nation's most desired desserts. 895
Variety is vital to vegetable fare. 992
New directions in community junior college program - new students: new faculty. 1172

COLLEGES

College accreditation policies for nontraditional education. 755
The media bureaucracy. 887
Satisfaction up. Costs down in 'open' cafeteria. 940
Granting credit for service school training. 1018
College joins school foodservice in training workers. 1054
Proceedings of a symposium: nutrition education at the undergraduate and master's degree level. 1217
Total convenience on the college campus - special report. 2079
The college blue book. 2217

COLOMBIA

Flavor secrets from foreign lands: Colombia. 2130

COLOR IN FOODS

Modern food analysis. 232
The chemical constituents of citrus fruits. 272
Measuring the color of foods. 303
Tuna. 530
Cooking the modern way with stainless steel steam-jacketed kettles. 1580
Advantages of aseptic canning in coloring non-standardized dressings and spreads. 1790
Allure Red - new food color offers greater brilliance and stability. 1791
The chemistry of meat color. 1804
Color measurement of foods: XXXII: miscellaneous: part II, potato products. 1806
Effect of storage and processing on sulfur dioxide in preserved fruit. 1836
Frankfurters without nitrates or nitrites. 1859
Kubelka-Munk colorant layer concept. 1873
The measurement of meat color. 1877
Resale - a natural red colorant for foods? 1929
Salmon. 1930
Tea and coffee. 1946
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955
Wine. 1967

COMIC BOOKS

Food facts and fun with "Butter & Be-ep". 227

COMMERCIAL FOOD SERVICE

The hotel and restaurant business. 642
The "captive" employee unshackled. 749
Room in shopping centers offers foodservice opportunities. 762
Coffee: it can make you or break you. 777
Contract foodservice--pros and cons. 790
Create your own good-neighbor policy. 797
The evolving payboard regulations. 810
Experiences in using management services. 812
Food costs and the 40 thieves. 822
A foodservice system that works. 828
Foodservice systems that work. 829
Gallup survey-the "take-out" marathon. 842
The impact of convenience food systems on the working environment. 860
Baker boy manual: a guidebook for your retail operation. 862
Planning and operating a successful food service operation. 868
Low productivity: the foodservice teaporm. 877
Using financial statements in food service establishments. 884
Operating budgets for food service establishments. 885
Using break-even analysis in food service establishments. 886
Profitable food service management thru employee and management meetings. 896
Profitable food service management thru good supervision. 897
Profitable food service management thru performance appraisals. 899
Profitable food service management thru reduction of employee turnover. 900
Profitable food service management thru worker motivation. 901
Profitable food service management thru job analysis, descriptions, and specifications. 902
Profitable food service management thru recruitment and selection of employees. 903
Profitable food service management thru job evaluation. 904
The new convenience foods program concept (filmstrip/recording). 906
Patrons speak out on menu presentations. 918
Security protection for foodservice. 950
Selling students. 951
Stick 'em up. 968
How to manage a restaurant or institutional food service. 969
Upgrade your manpower task allocation system. 989
Yellowstone's foodservice: Mission impossible! 1004
Young America dines out: how youth

voted in '72. 1205
Status of curriculum development in the field of commercial food at the non-baccalaureate level. 1062
How to train a fry chef. 1120
Food service. 1151
Vocational training considers manpower needs. 1303
Breakfast the convenient way. 1322
Diet is not just a four-letter word. 1329
The dynamics of marketing to dieters. 1331
Gain menu prestige with pork. 1333
An instant recall encyclopedia...Dessert-a-pace '72. 1339
Maximizing pre-portioned meats. 1345
Menu design - merchandising and marketing. 1358
Try new fish varieties on your menu. 1363
What's for breakfast? 1369
The ABC'S of frying...A profit primer: broiling and better mixes; why throw away frying fats; in frying, system is everything; frying equipment. 1373
Afri-Kingdom fried chicken system. 1374
Around the menu with steam cooking. 1384
Canned entrees are better than ever. 1393
The core and selling of cold entrees. 1395
Care and use tips for frying fats. 1396
Clouded outlook for contract feeding. 1399
Finger food industry-new life for fazed menus. 1422
Hot breads, a profitable "extra". 1447
How to make a better fish sandwich. 1449
How to prepare and bread fish and seafood. 1450
In cake merchandising, easy does it!. 1453
New foods for the fry kettle. 1473
Planned merchandising sells wigs for Red Coaches. 1435
A portfolio of kitchen fundamentals. 1438
Potato magic for professionals. 1449
Special atmosphere II: country/Colonial themes. 1545
Air quality and the char broiler. 1550
Around the menu with gas broilers. 1553
Around the menu with gas-fired tilting broiling pans. 1554
Automated materials handling, labor-saving equipment, and services of food service contractors are in school food service picture. 1555
Fashions in table coverings. 1575
How to get better service from your gas oven. 1585
How to set a table/1972 fashions. 1590
The nautical way. 1595
Is your kitchen obsolete? 1601
A new concept in compact: oil-electric unit facility. 1533
A professional's tour guide: Big Mac's Foodservice. 1652
Refrigeration: the 24-hour-a-day workhorse. 1657
A simplified systems approach to multi-unit design. 1663
What says kitchens work right? 1665
The 3C's of atmosphere. II. 1688
The 3C's of atmosphere. I. 1639
Sanitation checklists for management. 1768
Think clean. 1740
Conversion and packaging of food products for use where facilities and personnel are limited or non-existent. 1813
Processing contracts mean more bread. 1919
Marketplace: Recreation. 2022
Almond shrimp from the shell of the sea. 2107
Cheese cookery for everyone. 2120
Fish-Tadpoles/Nautilus culinarian. 2128
From the Mediterranean: salad nicoise. 2141
Ice cream cocktails: a profit potential. 2144
Indonesian rack of lamb. 2146
On the cover: savory steak rolls can be made with less tender cuts of beef. 2155

Rice and everything nice. 2162
Seafood world. 2165
Sauce: serve it with flair. 2166
Bibliography of hotel and catering operation. 2208
The IFMA encyclopedia of the foodservice industry. 2243
Eating and drinking places industry. 2286
Food and beverage purchasing. 2318
Peanut butter use encouraged. 2338
You and your frozen-food distributor. 2365
COMMODITIES
The commodities controversy: food for your lunch. 532
Co-existence: surplus commodities and convenience foods. 1400
Merchandising school lunch. 1464
Containers. 1959
Effects of USDA commodity distribution program on nutritive intake. 1993
What was the Rutgers study? 2100
Conversion factors and weights and measures for agricultural commodities and their products. 2282
The commodities: Mrs. Joyce vs. Mrs. Clay. 2305
Processing commodities saves money for nation's schools. 2340
COMMUNICATION
Psychologic implications of the nutritional needs of the elderly. 462
Guide to foodservice management. 776
Communication - Change. 780
Management functions for state and system level school and non school food service administrators. 958
Continuing education in nutrition-1970. 1071
Communication: methods for all media. 2261
COMMUNICATION SKILLS
Nutrition education and the related management processes. 306
"Cops, let us get closer to the fire so we may see what it is we are saying" - A dialogue on communication. 747
Personnel management. 768
Communication and effecting change. 781
New concepts in management. 960
The art of listening. 1165
Nutrition and communication. 1190
Quantity food preparation: A suggested guide. 1293
Communication: methods for all media. 2261
COMMUNICATIONS
The words we use. 613
Communication methods and media in nutrition education programs. 782
Identification of communication problems in organizations. 859
Profitable food service management through employee and management meetings. 896
Profitable food service management through counselling and intercommunication. 898
St. Luke's & the computer. 964
Film and the media (Revolution). 1089
How to brief people. 1116
How to make classroom discussions work. 1118
Improving the nonverbal dimension of communication. 1123
Nutrition education in the funny papers. 1191
Nutrition education through the mass media in Korea. 1194
Nutrition implementation programs as communication systems. 1197
The components of communication. 1311
COMMUNITY
Understanding the community social system. 988
COMMUNITY ACTION
Focus on optimal development: improving child nutrition. 185
Real sessions with Dr. Perryman--A dialogue with seminar participants. 466
Community action: adult education. 1287
Community action: the nonprofessional in the educational system. 1288
Community action: health programs. 2093
Community action for employment: manpower development. 2094

COMMUNITY FEEDING CENTERS
Community meals. 1475
Basic course in emergency mass feeding. 1528
Food for Peace around the world. 2080
COMMUNITY INVOLVEMENT
Reaching significant publics: The parent and community inv. 930
COMPUTER APPLICATIONS
NUCOINS: nutrition consumer information system. 329
New directions for action. 761
Data processing procedures for cafeteria accounting. 766
Guide to foodservice management. 776
Computer program estimates bacterial densities by means of most probable numbers. 784
Computer-managed subsistence system. 785
Computers in a dietary study - methodology of a longitudinal growth research project. 786
Managerial accounting for the hospital-ity service industries. 818
A compilation of information on computer applications in nutrition and food science. 911
The numbers game: uses and abuses of managerial statistics. 934
The school food service administrator and the computer. 945
Management functions for state and system level school and non school food service administrators. 958
St. Luke's & the computer. 964
Trends in food service. 981
The use of a computer in formulating low cost diets. 990
Computer assisted instruction: a government viewpoint. 1055
Computer-assisted instruction in home economics. 1056
Computers in education: relevance for occupational education. 1057
Teaching with computers. 1256
Application of linear programming to menu planning by computer. 1320
Integrated nutrition and food cost control by computer. 1340
Models for control of nutritive content of menus planned by computer. 1346
School lunch on-line in Kansas. 1357
A new decade for School Food Service. 2029
Project on foods and nutrition services in the Public Schools (in North Carolina). 2048
Computer-based abstract service now available. 2220
COMPUTER SCIENCE
NUCOINS: nutrition consumer information system. 329
Data processing procedures for cafeteria accounting. 766
St. Luke's & the computer. 964
The use of a computer in formulating low cost diets. 990
Application of linear programming to menu planning by computer. 1320
Directory of films for data education. 2275
Oxy core survey 1970. 2295
COMPUTERS
Integrated nutrition and food cost control by computer. 1340
An automated simulation vehicle for school business administration accounting computerized selective school lunch menu planning. 1362
CONCENTRATES
Are U.S. dairyman overlooking potential of frozen milk concentrates market? 1793
The food processing front of the seventies. 1854
Soy-whey-milk offers economic substitute for frozen whole milk concentrate. 1938
CONCEPT FORMATION
Predicting application of nutrition education. 451
Science in food and nutrition. 556
CONFERENCE REPORTS
School lunch leadership training conference. 1275
CONFERENCES
Action on teenage nutrition. 50
Food science & technology, volume III. 258
National nutrition education conference. 359

CONNECTICUT

Amino acid fortification of protein feeds. 482
 White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
 White House conference on food, nutrition and health: final report. 606
 Profitable food service management thru employee and management meetings. 596
 The message is you. 1030
 Five steps toward better small meetings. 1092
 The message is you. 1156
 The message is you - guidelines for preparing presentations: part three. 1157
 The message is you, part II. 1153
 Our future is you (motion picture). 1209
 Food service managers locate FF easily: it's making a choice that's difficult. 1426
 Food for tomorrow: resources, environment, distribution. 1885
 At the threshold of attainment. 1974
 A nutritious diet for all Americans. 2038
 Effective technical speeches and sessions. 2246
CONNECTICUT
 The development of desirable school lunch accounting procedures. 763
CONSISTENCY MODIFICATIONS
 Basic nutrition and diet therapy. 476
 Handbook of diet therapy. 531
CONSTRUCTION (PROCESS)
 School lunch rooms. 1639
CONSULTANTS
 So you want to be a consultant? 1244
 When, how and why to use training consultants. 1309
 Directory of foodservice designers. 2224
 Training consultants. 2278
CONSUMER ECONOMICS
 Attitudes toward the ban on cyclamates. 1
 Budgeting by food groups. 2
 Convenience and the cost of food. 9
 Convenience and the cost of potatoes and orange juice. 13
 Cost of food at home. 11
 Cost of raising a child. 14
 Consumer behavior. 16
 FF industry must gain consumers' confidence in nutrition values. 15
 Labels that tell you something. 24
 New regulations on "cents-off" promotions. 25
 Open dating. 30
 Organic foods. 31
 This is USDA's, Consumer & Marketing Service. 37
 Guide to federal consumer services. 41
 What the consumer expects of quality assurance. 45
 Attitudes of aides and clients in the expanded nutrition program. 71
 The family guide to better food and better health. 137
 Food purchasing practices of young families. 207
 Household food spending affects diet adequacy. 239
 The irony of affluence-adult nutrition problems and programs. 267
 Trends in the U.S. meat economy. 654
 Forum: Voluntary food standards. 656
 Observations: nutritional labeling, however imperfect, is here. 710
 Poverty guidelines announced. 715
 Two nutritional labeling systems. 721
 Effect of fat content in cheddar, colby, and Swiss cheeses on consumer preference. 803
 Engineered foods--The place for processed proteins. 809
 How patrons are lured to individual eating establishments. 852
 Positioning creative touch - a new way to flavor foods. 923
 Teenager - the eater's dilemma. 977
 Meat management. 1342
 Mushrooms, turnip greens and pickled eggs. 1354
 U.S. families still preserve food at home. 1529
 Consumer study shows preference for tomato paste in glass jars. 1510
 Development and consumer evaluation of soft-serve frozen desserts. 1826
 Finding the correct retail package to

introduce an unbelieveable product. 1847
 Microfragrance. 1881
 Food for tomorrow: resources, environment, distribution. 1885
 Optimum net fill of containers. 1906
 Possible developments in the supply and utilization of food in the next fifty years. 1914
 Food use by the foodservice industry. 2230
 Supershipper. 2314
 Food purchasing practices. 2348
CONSUMER EDUCATION
 The case for ingredient disclosure. 3
 Communicating with the consumer: basic research on nutrition and safety. 4
 Communicating with the consumer: food and nutrition press information service. 5
 Communicating with the consumer: natural and synthetic nutrients. 6
 Communicating with the consumer: safety of food supply. 7
 Consumer education to minimize the abuse of foods. 8
 The cost of waste and meat alternates. 12
 Enrichment facts for the consumer. 17
 Food retailers help teach food buying. 21
 Better living through better eating. 23
 Labels that tell you something. 24
 Buying nutrition. 25
 Nutrition education: an integral part of consumer education. 29
 Open dating. 30
 Quality assurance--Today & tomorrow. 33
 Selection of foods (Film loop). 34
 Simulation is the name of the game. 35
 Start now to think metric. 36
 How to buy poultry. 40
 Guide to federal consumer services. 41
 Unit pricing and open dating. 42
 Selection and care of fresh fruits and vegetables: A consumer's guide. 44
 What the consumer expects of quality assurance. 45
 Hunger, U.S.A. 119
 Communicating with the consumer: nutrition for a good start. 121
 Food quality - a focus for togetherness for food scientists and nutritionists. 208
 Modification of food habits. 313
 Nutrition education cores into its own. 392
 The organic foods movement. 444
 Responsibility of dietitians for providing information about food: its wholesomeness and nutritional value. 473
 Introduction to foods and nutrition. 503
 Una libreta de enseñanza alimentos para las familias que desean economizar. 557
 Food for thrifty families. 558
 Forum: Voluntary food standards. 686
 The government's role in quality assurance. 689
 Ingredient labeling. 693
 Nutrition labeling. 700
 Nutrition labeling--more information to help the consumer select foods. 701
 Nutrition labeling: more information to help the consumer select foods. 702
 Nutrition notes: the nutrient labeling dilemma. 703
 Nutritional labeling: a need for caution. 707
 Observations: industry comments on nutritional labeling. 709
 Some considerations for nutritional labeling. 715
 Standards, labeling, education to improve the diet. 720
 What is industry's approach to quality assurance? 744
 First foods. 1066
 Continuing education in nutrition-1970. 1071
 Food information of homemakers and 4-H youths. 1096
 Food buying. 1280
 What is the future of textured protein products? 1540
 The \$130 billion food assembly line (filmstrip). 1749
 Hearings, Ninety-second Congress, second session, on nutrition and human

needs. 1955
 Food values and calorie charts. 2271
 Supershipper. 2314
CONSUMER PROTECTION
 Attitudes toward the ban on cyclamates. 1
 The case for ingredient disclosure. 3
 Food product dating. 20
 Open dating. 30
 Quality assurance--Today & tomorrow. 33
 Unit pricing and open dating. 42
 What the consumer expects of quality assurance. 45
 FDA's quality assurance programs--tools for compliance. 683
 The government's role in quality assurance. 689
 Legal requirements for food safety. 696
 Nutrition labeling: more information to help the consumer select foods. 702
 Observations: nutritional labeling, however imperfect, is here. 710
 What is industry's approach to quality assurance? 744
CONSUMER SCIENCE
 Create your own good-neighbor policy. 797
CONTRACEPTIVES, ORAL
 Interactions of nutrients with oral contraceptives and other drugs. 257
 Nutrition and "the pill". 379
CONTRACT FEEDING
 Expanding the conventional school feed service program. 811
 Experiences in using management services. 812
 School food service: new laws can help you provide it. 947
 Utilizing outside contractors to expand school food service operations. 991
 Clouded outlook for contract feeding. 1399
 Contract food management: digesting the alternatives. 1401
 The contractor supplying a school feed service package. 1945
CONVENIENCE FOODS
 Convenience and the cost of food. 9
 Convenience and the cost of potatoes and orange juice. 10
 Fact or fancy? 19
 Convenience foods: factors affecting their use where household diets are poor. 129
 Eliminating warmed-over flavor in precooked food. 166
 Fatty acids, cholesterol, and proximate analyses of some ready-to-eat foods. 180
 Food purchasing practices of young families. 207
 Food quality - a focus for togetherness for food scientists and nutritionists. 208
 Shopping practices of low-income groups for convenience foods. 491
 A guide to nutrition and food service for nursing homes and homes for the aged. 566
 Frozen dinner nutritional contents equated with government guidelines. 687
 Philosophy and guidelines for nutritional standards for processed foods. 714
 Breakfast breakthrough - a convenience cast goes international. 764
 Convenience food systems: raw-to-ready scales key to modernization. 793
 The gourmet galaxy: a food odyssey. 844
 The impact of convenience food systems on the working environment. 860
 Industry-wide response to the "raw-to-ready" scale. 863
 The new convenience foods program concept (Filmstrip/Record). 906
 Yellowstone's foodservice: Mission impossible. 1004
 936 a day. 1010
 Continuing education in nutrition-1970. 1071
 Add "canned" imagination to school lunches. 1319
 Breakfast the convenient way. 1322
 The care and selling of hot entrees. 1325
 Choices in our menus. 1327
 Diversity and experimentation pay off in progress: hospital food service the Kessler way. 1330

- What's for breakfast? 1369
You can have both unit-by-unit autonomy and multi-unit savings. Kaiser's southern region proves it. 1371
Air fare: a complete convenience system. 1375
Breakfast: the fare that's first in profits. 1389
Canned puddings: key cost control and profit aspects. 1394
Co-existence: surplus commodities and convenience foods. 1400
Convenience food systems. 1402
Convenience food systems: building food systems for the future. 1403
Convenience--to use or not to use? 1405
The cookie man eat. 1407
Finger food industry--new life for jaded menus. 1422
Food systems are providing hot lunches for Massachusetts school children. 1427
From the Great Midwest. 1431
From the bounty of California. 1432
Frozen meals, individually prepared in foil packs, cut costs by 35%. 1433
The great American menu mix. 1439
Hot lunches are within easy reach. 1443
Elements of food production and baking. 1456
The past is present. 1463
Pocono produce increases FF volume by selling a convenience concept. 1467
Potato apple for professionals. 1459
Testing of products is essential. 1520
Convenience and fast food handbook. 1521
What systems built: favored fare of '72. 1541
The implementation of a simplified instant food service system. 1592
Microwaves: the ultimate means for providing short order service at fantastic speeds. 1599
Special foods & equipment for the food service industry. 1571
Sub-system 2: the status of storage. 1672
The finishing kitchen. 1666
Simplified food preparation systems - their impact on your sanitation systems. 1777
Assay of sodium ion content of frozen convenience foods. 1794
Components versus meals. 1803
A convenience connoisseur. 1811
Convenience isn't enough in foods for the '70's. 1812
Fish & seafood: where convenience spans the continents. 1845
Further processed, precooked frozen meals drawing at better than 20% annually. 1853
The future of the food industry. 1864
Microwave adapter permits frozen foods in foil containers to heat in minutes. 1852
New foods for a new decade. 1890
New to the convenience roster: canned crushed toasts. 1893
Notebook on food: USDA answers questions about new foods. 1897
Palatability of a specialty meat item prepared by interrupted cooking. 1907
Precooked turkey flavor and certain chemical changes caused by refrigeration and reheating. 1915
Processes and potential markets for instant bean powders. 1918
Proposed nutritional guidelines for formulated meals--foods of the future. 1921
Reconstituting prepacked frozen meals with integral meat. 1927
Sub-systems 3 & 4: a simplified systems approach to fabrication & pre-preparation. 1941
Turkey roulades present year 'round serving idea for seasonal fowl. 1953
Unique, concise package chosen for ethnic dinner mix market. 1955
Convenience food systems: Sacramento develops a semi-convenience system. 1956
The Sacramento system: commodity compatibility. 2050
A simplified school lunch system. 2060
The status of school foodservice, Part I. 2165
The Chinese achievement. 2121
Culinary lights from Latin America. 2125
From New England - menu and merchandising notes. 2140
The Guide to convenience foods. 2143
Soups: serve it with flair. 2166
Southern cuisine: merchandising and menu notes. 2167
Help! - convenience food report Aug. 1. 2235
Food and beverage purchasing. 2318
Potatoes made easy for school lunch. 2339
A review of frozen entrees at the peak of the "raw-to-ready" scale. 2343
The freezing preservation of foods. 2350
CONVERSION FACTORS
Conversion factors and technical data for the food industry. 2259
Conversion factors and weights and measures for agricultural commodities and their products. 2282
COOK-HELPERS
Intern develops cook-helper test. 1130
COOK-MANAGERS
Are you a normal cook? 759
Control patterns for the cooking battery. 791
COOKBOOKS
Vegetarian cookery 3. 2113
Vegetarian cookery 1. 2114
Vegetarian cookery 4. 2115
Vegetarian cookery 2. 2116
The art of fish cookery. 2152
Women's Day Encyclopedia of cookery, vol. 3. 2182
Woman's Day encyclopedia of cookery, vol. 1. 2183
Woman's Day encyclopedia of cookery, vol. 10. 2184
Woman's Day encyclopedia of cookery, vol. 11. 2185
Woman's Day encyclopedia of cookery, vol. 12. 2186
Woman's Day encyclopedia of cookery, vol. 2. 2187
Woman's Day encyclopedia of cookery, vol. 4. 2188
Woman's Day encyclopedia of cookery, vol. 5. 2189
Woman's Day encyclopedia of cookery, vol. 6. 2190
Woman's Day encyclopedia of cookery, vol. 7. 2191
Woman's Day encyclopedia of cookery, vol. 8. 2192
Woman's Day encyclopedia of cookery, vol. 9. 2193
Food & menu dictionary. 2223
Gancel's culinary encyclopedia of modern cooking. 2233
Larousse gastronomique. 2250
So you want to write a cookbook? 2264
COOKERY, AMERICAN
From the Great Midwest. 1431
The great American menu mix. 1439
The past is present. 1463
Southern cuisine: merchandising and menu notes. 2167
Woman's Day encyclopedia of cookery, vol. 1. 2183
COOKERY, AUSTRIAN
Austria. 2111
Woman's Day encyclopedia of cookery, vol. 1. 2183
COOKERY, BELGIAN
Belgium. 2112
Woman's Day encyclopedia of cookery, vol. 2. 2187
COOKERY, BRAZILIAN
Flavor secrets from foreign lands: Brazil. 2129
COOKERY, CANADIAN
Woman's Day encyclopedia of cookery, vol. 2. 2187
COOKERY, CHINESE
The Chinese achievement. 2121
Flavor secrets from foreign lands: Szechwan. 2137
Woman's Day Encyclopedia of cookery, vol. 3. 2182
COOKERY, COLOMBIAN
Flavor secrets from foreign lands: Colombia. 2130
COOKERY, CREOLE
Woman's Day encyclopedia of cookery, vol. 4. 2188
COOKERY, CZECHOSLOVAKIAN
Woman's Day encyclopedia of cookery, vol. 4. 2188
COOKERY, DANISH
Woman's Day encyclopedia of cookery, vol. 4. 2188
COOKERY, DUTCH
Flavor secrets from foreign lands: Holland. 2131
COOKERY, ENGLISH
Cookery made simple. 1391
Woman's Day encyclopedia of cookery, vol. 4. 2188
COOKERY, FINNISH
Woman's Day encyclopedia of cookery, vol. 5. 2189
COOKERY, FRENCH
Woman's Day encyclopedia of cookery, vol. 5. 2189
Larousse gastronomique. 2250
COOKERY, GERMAN
Woman's Day encyclopedia of cookery, vol. 5. 2189
COOKERY, GREEK
Woman's Day encyclopedia of cookery, vol. 5. 2189
COOKERY, HUNGARIAN
Woman's Day encyclopedia of cookery, vol. 6. 2190
COOKERY, INTERNATIONAL
Mulligan stew: Getting it all together (Motion picture). 317
Mulligan stew: Getting it all together (Videocassette). 318
Breakfast breakthrough - a convenience cast goes international. 754
Gallup measures popularity of international cuisine. 836
Fish & seafood: where convenience spans

SUBJECT INDEX

COOKERY, ITALIAN

- the continents. 1444
- Vegetarian cookery 5. 2206
- COOKERY, ITALIAN**
- Flavor secrets from foreign lands: North Italy. 2133
- The Italian invitation. 2149
- Woman's Day encyclopedia of cookery. vol. 6. 2190
- COOKERY, JAMAICAN**
- Flavor secrets from foreign lands: Jamaica. 2132
- COOKERY, JAPANESE**
- Woman's Day encyclopedia of cookery. vol. 6. 2190
- COOKERY, JEWISH**
- Woman's Day encyclopedia of cookery. vol. 6. 2190
- COOKERY, KOREAN**
- Woman's Day encyclopedia of cookery. vol. 7. 2191
- COOKERY, LATIN AMERICAN**
- Culinary lights from Latin America. 2125
- COOKERY, MEXICAN**
- 'Meat and potatoes' and tacos. 2201.
- 1969
- Tacos--taste treat for tots to teens. 2170
- Woman's Day encyclopedia of cookery. vol. 7. 2191
- COOKERY, MEXICAN AMERICAN**
- Iron content of some Mexican-American foods - effect of cooking in iron, glass, or aluminum utensils. 262
- COOKERY, NEAR EASTERN**
- Woman's Day encyclopedia of cookery. vol. 6. 2192
- COOKERY, NEW ENGLAND**
- From New England - menu and merchandising notes. 2140
- Woman's Day encyclopedia of cookery. vol. 6. 2192
- COOKERY, NORWEGIAN**
- Woman's Day encyclopedia of cookery. vol. 6. 2192
- COOKERY, ORIENTAL**
- The Chinese achievement. 2121
- COOKERY, POLISH**
- Flavor secrets from foreign lands: Poland. 2134
- Woman's Day encyclopedia of cookery. vol. 9. 2193
- COOKERY, POLYNESIAN**
- Woman's Day encyclopedia of cookery. vol. 9. 2193
- COOKERY, PORTUGUESE**
- Portugal. 2157
- Woman's Day encyclopedia of cookery. vol. 9. 2193
- COOKERY, PUERTO RICAN**
- Flavor secrets from foreign lands: Puerto Rico. 2135
- Woman's Day encyclopedia of cookery. vol. 9. 2193
- COOKERY, RUSSIAN**
- Flavor secrets from foreign lands: Russia. 2136
- Russian-American food patterns. 2153
- Woman's Day encyclopedia of cookery. vol. 10. 2144
- COOKERY, SOUTHEAST ASIAN**
- Woman's Day encyclopedia of cookery. vol. 11. 2145
- COOKERY, SOUTHERN**
- Woman's Day encyclopedia of cookery. vol. 11. 2145
- COOKERY, SPANISH**
- Viva España!. 2179
- Woman's Day encyclopedia of cookery. vol. 11. 2145
- COOKERY, SWEDISH**
- Woman's Day encyclopedia of cookery. vol. 11. 2145
- COOKERY, TURKISH**
- Flavor secrets from foreign lands: Turkey. 2138
- COOKERY, VEGETARIAN**
- Vegetarian cookery 3. 2113
- Vegetarian cookery 1. 2114
- Vegetarian cookery 4. 2115
- Vegetarian cookery 2. 2116
- Vegetarian cookery 5. 2206
- COOKIES**
- Blacuit manufacture. 1544
- COOKING**
- Boat cooking rates and losses - effect on fat content. 34
- Of (iron) pots and pans. 437
- Time-temperature and time-weight losses in food roasts. 526
- Institutional meat purchase specifications for cured, cured and smoked, and

- fully cooked pork products--series 500. 741
- Effect of temperature and cut on quality of pork roast. 1416
- All about cookware (Filastrip). 1551
- Integral heating system reconstitutes frozen meals in 15 minutes. 1471
- Potatoes made easy for school lunch. 2339
- COOKING EQUIPMENT (LARGE)**
- How to apply systems analysis to your preparation/processing sub-system. a53
- Food training routines II. 1143
- Around the menu with steam cooking. 1344
- Cook it with steam!. 1406
- Deep fat frying (Motion picture). 1413
- Simplified manual for cooks. 1467
- Convenience and fast food handbook. 1521
- The 10 cooking, heating and reconstituting applications; part 4. 1546
- The air conditioning story; part 5. 1549
- Air quality and the char broiler. 1550
- Around the menu with gas broilers. 1553
- Boost profit potential with your electric pressure fryer. 1558
- Care and use tips for gas-fired fry kettles. 1559
- The case for the electric steam generators. 1561
- The electric convection oven. 1570
- Electric steam-jacketed kettles run the gamut of meal production. 1571
- Cooking the modern way with stainless steel steam-jacketed kettles. 1580
- How electric convection ovens open the "raw-to-ready" scale. 1582
- How to get better service from your gas fryer. 1584
- How to get better service from your steamer. 1587
- How to get maximum service from gas appliances. 1588
- How to relieve the chronic labor shortage with electric steam cookers. 1589
- Is your kitchen obsolete? 1599
- Is your kitchen obsolete? 1600
- Is your oven capacity adequate? 1603
- Key component of operational sub-system 5: steam preparation equipment. 1605
- Microwaves: the ultimate seems for providing short order service at fantastic speeds. 1609
- Module heats 24 different types FF, meals separately, simultaneously. 1613
- Commercial cooking equipment exhaust systems. 1622
- Commercial cooking and hot food storage equipment. 1629
- New dimensions in microwave cookery. 1635
- New kitchen sophistication with electric steam cookers. 1637
- New models 1971 - fry kettles & flitters. 1641
- Our evolving technology. 1647
- Preparation-processing - part 2. 1651
- Reconstituting ovens: for foods at the top of the "raw-to-ready" scale. 1656
- Second-generation reconstitution systems. 1661
- Size up the modern electric griddles. 1669
- Special foods & equipment for the food service industry. 1671
- Systems support with key processing equipment. 1675
- Weaver speeds chicken processing with giant microwave system. 1683
- The complete book of cooking equipment. 1687
- Cleanliness and safety (Film loop). 1701
- Extrusion cooking of cereals and soybeans - part 1. 1444
- Extrusion cooking of cereals and soybeans - part II. 1445
- Integral heating system reconstitutes frozen meals in 15 minutes. 1471
- Microwave adapter permits frozen foods in foil containers to heat in minutes. 1482
- COOKING EQUIPMENT (SMALL)**
- Food training routines II. 1143
- Kitchen tool school. 1305
- Simplified manual for cooks. 1467
- All about cookware (Filastrip). 1551
- All about knives (Filastrip). 1552
- Is your fry kettle capacity adequate?

- 1598
- Modern tilt toward a complete cooking center. 1612
- Commercial cooking and hot food storage equipment. 1629
- Household equipment. 1649
- The finishing kitchen. 1686
- The complete book of cooking equipment. 1687
- COOKING INSTRUCTION**
- How to buy poultry. 40
- The world of food. 643
- How we started students on successful foodservice careers. 1039
- Cooking in the kindergarten. 1061
- First foods. 1066
- Cooking for food managers-a laboratory text. 1110
- Hospital cooks correspondence course (an in-service training plan) 1969. 1113
- Food training routines. 1142
- Food training routines II. 1143
- Introductory foods. 1164
- Sue learns about the use of measurements in cooking. 1238
- Practical baking workbook. 1251
- Student workbook to accompany elementary baking. 1252
- Guide for course of study for cook (hotel and restaurant) (entry). 1259
- Cooks: a suggested guide for a training course. 1290
- Kitchen tool school. 1305
- Practical cooking and baking for schools and institutions. 1378
- Understanding baking. 1379
- Food preparation. 1382
- Cookery made simple. 1391
- Deep fat frying (Motion picture). 1413
- Fish (Film loop). 1423
- Food for 50. 1429
- Chesterfield (Film loop). 1435
- Hamburgers (Film loop). 1442
- Understanding cooking. 1459
- Measuring and terms: cooking (Film loop). 1462
- Simplified manual for cooks. 1467
- Muffins (Film loop). 1468
- The names in the cooking game (Filastrip). 1469
- Cooking is fun. 1471
- Omelet (Film loop). 1479
- Pancakes (Film loop). 1481
- Pinwheel sandwiches (Film loop). 1485
- Preparing a custard (Film loop). 1493
- Preparing a stew (Film loop). 1494
- Steps in getting ready to cook (Film loop). 1515
- Techniques of food measurement (Motion picture). 1518
- Vegetable cookery (Film loop). 1534
- Ways of cooking (Film loop). 1538
- Ways with food (Transparencies). 1539
- White sauce (Film loop). 1543
- American Home's learn to cook book. 2108
- Interpreting a recipe (Transparencies). 2144
- Portugal. 2157
- So you want to write a cookbook? 2264
- COOKING METHODS**
- Complete teaching kit on cheese (Filastrip). 122
- Thiamine and riboflavin retention in cooked variety meats. 525
- Vitamins (Film loop). 582
- Consumer considerations: deep-fried foods. 747
- Control patterns for the cooking battery. 791
- How to apply systems analysis to your preparation/processing sub-system. a53
- Maximizing pre-portioned meats. 1345
- Handbook of food preparation. 1380
- Baking a custard (Film loop). 1385
- Beef: some answers. 1386
- Braising and stewing (Film loop). 1388
- Broiling (Film loop). 1390
- Cook it with steam!. 1406
- The caulk can can. 1407
- Deep fat frying (Motion picture). 1413
- Eggs (Transparencies). 1419
- Fish (Film loop). 1423
- Forced convection roasting at 200 degrees and 300 degrees F. 1428
- Fresh vegetable cookery...Steckli's "splendid fare". 1430
- Give your eggs a break (Film loop). 1437
- Measuring and terms: cooking (Film loop). 1462

Meat selection and preparation (Transparencies). 1463
 Microwave cooking in meal management. 1465
 The parent product. 1482
 A portfolio of kitchen fundamentals. 1484
 Potatoes add a sales bonus. 1490
 Roasting (Film Loop). 1501
 Techniques of making quick breads. 1519
 Vegetable cookery (Film Loop). 1534
 Vegetable preparation (Film Loop). 1535
 Ways of cooking (Film Loop). 1538
 Ways with food (Transparencies). 1539
 The 10 cooking, roasting and reconstituting applications: part 4. 1546
 Boost profit potential with your electric pressure fryer. 1554
 The case for the electric steam generators. 1561
 Electric steam-jacketed kettles run the gamut of meal production. 1571
 Is your fry kettle capacity adequate? 1594
 Is your oven capacity adequate? 1603
 Key component of operational sub-system 5: steam preparation equipment. 1605
 Modern tilt toward a complete cooking center. 1612
 New dimensions in aluminum disposables. 1634
 Our evolving technology. 1647
 Weaver speeds chicken processing with giant microwave system. 1643
 Cooking techniques for broiler chickens. 1614
 Extrusion cooking of cereals and soybeans - part I. 1644
 Extrusion cooking of cereals and soybeans - part II. 1645
 Microwave adapter permits frozen foods in foil containers to heat in minutes. 1682
 Microwave vs. conventional cooking of vegetables at high altitudes. 1683
 Palatability of a specialty meat item prepared by interrupted cooking. 1907
 Precooking and reheating of turkey. 1916
 Reconstituting prelates frozen meals with integral meat. 1927
 A revolution in meat roasting. 1928
 The share of foodservice to come: a fable of the future with a note on the present. 1933
 Belgium. 2112
 Breads around the world. 2117
 Interpreting a recipe (Transparencies). 2118
 Let's cook fish. 2174
 Vesi Cordon Bleu is a sader. 2175
 So you want to write a cookbook? 2264
 Shopping for shortening. 2346

COOKING TECHNIQUES
 Techniques of main dish preparation. 1138
 Techniques of main dish preparation. 1139
 Deep fat frying (Motion picture). 1413
 The ease of working merchandising magic with good food - new life for faded menus. 1415
 Eggs (Transparencies). 1419
 Food preparation for school food service personnel. 1436
 Glorious garnishes: focus on foods Aug 1. 1435
 The great American menu mix. 1439
 Measuring and taring cooking (Film Loop). 1452
 Meat selection and preparation (Transparencies). 1463
 The parent product. 1482
 Potatoes add a sales bonus. 1490
 Stuffing and trussing a chicken (Film Loop). 1515
 Ways of cooking (Film Loop). 1533
 Belgium. 2112
 The Chinese achievement. 2121
 Flavor secrets from foreign lands: Colombia. 2130
 Flavor secrets from foreign lands: Puerto Rico. 2135
 Flavor secrets from foreign lands: Russia. 2135
 Flavor secrets from foreign lands: Turkey. 2138
 The flourish of tableside cooking. 2139
 Interpreting a recipe (Transparencies).

2148
 The Italian invitation. 2149
 Portugal. 2157
 Southern cuisine: merchandising and menu notes. 2167
 Tacos--taste treat for tots to teens. 2170
 So you want to write a cookbook? 2264

COOKS
 Are you a normal cook? 759
 Control Patterns for the cooking battery. 791
 Career discoveries: People who make things (Filmstrips). 1044
 Hospital cooks correspondence course (an in-service training plan) 1649. 1113
 How to train a fry chef. 1120
 Guide for course of study for cook (hotel and restaurant) (entry). 1259
 The professional chef. 1411
 The Alaskan way. 1971

CORN
 Defatted germ flour - feed ingredient from corn. 1820

CORONARY HEART DISEASE
 Nutrition notes: dairy group comments on nutritional labeling guidelines. 411

CORRESPONDENCE STUDY
 A study guide for the food service supervisor. 1021
 Home study courses for food service employees - an Iowa program. 1112
 R & D for adult learning. 1222
 The New York Times guide to continuing education in America. 2274

COST EFFECTIVENESS
 Convenience and the cost of food. 9
 Convenience and the cost of potatoes and orange juice. 10
 Organic foods. 31
 Linear programming controls amino acid balance in food nutrition. 240
 Utilizable protein: quality and quantity concepts in assessing food. 575
 Breakfast breakthrough - a convenience cost goes international. 764
 Comparison of cost structures of food stores and eating and drinking places. 783
 Control patterns for the cooking battery. 791
 Engineered foods--The place for oilseed proteins. 809
 Industrial security management. 848
 Using break-even analysis in food service establishments. 846
 A survey instrument for the evaluation of the economic efficiency of school food services. 952
 Elements of supervision. 963
 How to manage a restaurant or institutional food service. 969
 Will advance testing reduce new product risks? 1000
 7 maintenance ideas from industry. 1009
 AV decision model. 1012
 Evaluating training expenditures. 1063
 Training department becomes an income producer. 1269
 Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1330
 Integrated nutrition and food cost control by computer. 1340
 You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
 Canned puddings: key cost control and profit aspects. 1394
 Save for a change: ideas to cut costs. 1508
 Establishing central school lunch kitchens in urban areas. 1527
 The case of drop-ins vs. free-standing food service equipment. 1562
 Equipment census: 1973 institutions/VFM report on age, type and status of food-service equipment. 1572
 Hospital study of patient feeding on single service. 1664
 Single service ware and today's consumer. 1665
 A systems approach to warewashing equipment. 1673
 A practical primer on essential sanitation concepts. 1754
 Explosion-puffed apples are commercially feasible. 1842
 Feed fertilization: some visible and

invisible cost considerations. 1853
 Microwave adapter permits frozen foods in foil containers to heat in minutes. 1882
 Pollution: easier power and profit - forces at work to change packaging. 1912
 Sophisticated technology for the school market. 1937
 Sub-systems 3 & 4: a simplified systems approach to fabrication & pre-preparation. 1941
 High school lunch program - a model for decision analysis. 1994
 Selection of policies for the local lunch program in the public schools. 2011
 A simplified school lunch system. 2060
 What was the Rutgers study? 2100
 Choosing from alternatives in expanding storage space for frozen food. 2304
 Meat purchasing. 2329
 Will Ramada's procurement system work for you? 2363

COSTS
 Cost of food at home. 11
 Cost of raising a child. 14
 New regulations on "cents-off" promotions. 28
 Food - the yearbook of Agriculture 1959. 39
 Child nutrition: An idea whose time is here. 114
 Textured vegetable protein...solution to institutional dietary problems? 521
 Yorktown students don't jump for junk. 616
 An industrial view of nutritional labeling and nutrition education. 692
 Can you compete against the \$30,000 minute? 770
 Convenience food systems: prepackaged lunch comes to school. 792
 Managerial accounting for the hospital-ity service industries. 818
 Food costs and the 40 thieves. 822
 How much does an employee really cost? 851
 Management aspects of school lunch programs in Iowa. 865
 Is school lunch 25 years behind? 866
 Budgeting: key to planning and control. 867
 Making cafeterias work. 879
 A budget form for use in the public schools of Arizona. 939
 Satisfaction up. Costs down in 'open' cafeteria. 940
 Something special at O.U. 956
 Soy helps Skokie's budget. 961
 State directors cost out school meals. 966
 The use of a computer in formulating low cost diets. 990
 Food service in institutions. 997
 93¢ a day. 1010
 Ohio training researched. 1199
 Food processing technology. 1291
 Points for planning Type A lunches. 1355
 In cake merchandising, easy does it!. 1453
 Satellite suggestions from Laredo. 1507
 The freezers that stay out in the cold. 1577
 Intern researches disposable trays. 1597
 Walk-in cooling. 1682
 Explosion-puffed apples are commercially feasible. 1842
 ANSEA questions Florida county systems. 1970
 Breakfast delight. 1977
 MarketProbe: New business in school lunch. 2021
 Meals for the elderly. 2024
 Why won't they eat? 2104
 Bid specs ensure quality, lower costs. 2302
 The cost of turkey, whole and parts. 2306
 Fast-freezing the OU way. 2307
 Processing commodities saves money for netter's schools. 2340
 Why not cooperative purchasing? 2361

COURT LITIGATION
 Vending cafeteria leads to suit by service employees. 993

CRACKERS

CRACKERS

Crackers fortified with fish protein concentrate (FPC): nutritional quality, sensory and physical characteristics. 132

The crunch of crackers. 1410

CRANBERRIES

The berries with bounce. 626

CREAM

Use of lowfat dairy spread in red velvet white sauce and plain white frosting. 1530

CULTURAL FACTORS

Consumer behavior. 16
An anthropologist views the nutrition professions. 66
Concepts of food habits of "other" ethnic groups. 125
Cultural food patterns and School Food Service. 133
Dietary intake and physical development of Phoenix area children. 147
Food beliefs affect nutritional status of Malay fishermen. 172
Food habits of low-income children in northern New York. 201
Food is more than nutrients. 204
Fruit and vegetable acceptance by students - factors in acceptance and performance. 216
Nutrition, behavior, and change. 225
A half century of changing food habits among Japanese in Hawaii. 231
How can we solve malnutrition in the U.S.? 242
Implications of changing food habits for nutrition educators. 251
The irony of affluence-adult nutrition problems and programs. 267
Journey into nutrition (Motion picture). 271
Malnutrition, learning, and behavior. 289
Man as a patient. 290
What did you have for breakfast this morning? 347
A source book on food practices: with emphasis on children and adolescents. 352
Nutrition for Head Start. 398
Food, science, and society. 431
Nutritional improvement and world health potential. 421
The Price of civilization. 455
Puerto Rican food habits: a color slide set (Slides). 453
Man and food. 465
Review of food grouping systems in nutrition education. 474
Socio-cultural basis of food habits. 492
Some thoughts on food and cancer. 497
Teen-age food habits - a multidimensional analysis. 514
The teenage obesity problem - why? - part 1. 516
Practices of low-income families in feeding infants and small children with particular attention to cultural suggestions. 563
We can't separate nutrition from social and biological sciences. 568
We're short of calcium, too!. 589
What influences malnutrition? 595
When the Eskimo comes to town. 503
School food service: twelve trends you should track. 948
Understanding the community social system. 958
Health education - a conceptual approach. 1229
Food needs of family members. 1243
The future of the food industry. 1564
Current demands on the School Food Service System. 1937
Russian-American food patterns. 2153
Food habits: a selected annotated bibliography. 2229
An annotated international bibliography of nutrition education. 2273

CULTURALLY DISADVANTAGED
How nutrition affects the control nervous system. 244

CUP-CAN
The cup-can approach. 534
Whets end whys of cup-can. 1542
Notebook on soy: why 'engineered' foods at school. 1899
Nutrition notes: where are we going with school feeding? 1902
Jemez Pueblo discovers the cup-can. 2015

Cup-can product guide. 2222

CURED BEEF PRODUCTS
Institutional meat purchase specifications for cured, dried, and smoked beef products--series 600. 740

CURED MEAT
Institutional meat purchase specifications for cured, cured and smoked, and fully cooked pork products--series 500. 741

CURRICULUM
Panel: Where do I begin and what do I do in nutrition edu. 445
Integrating nutrition into the nursing curriculum. 1129

CURRICULUM GUIDES
Integrating nutrition into the nursing curriculum. 1129
Food preparation specialist. 1183
Curriculum guide for food service occupations. 1205
Food Preparation for school food service personnel. 1436
Secondary teaching materials and teacher references. 2266
Preschool, primary and intermediate teaching materials and teacher references. 2269

CURRICULUM PLANNING
Focus on nutrition. 295
Health education guide. 310
School lunch and the curriculum. 591
Guidelines for hospitality education in junior college. 1015
Manual for the education of the food service supervisor, part one of two-part series. 1020
Conference on guidelines for nutritional education in medical schools and postdoctoral training programs, June 25-27, 1972. 1023
Improvement of personnel through testing, interviewing, orienting, training and evaluating - part 2. 1024
An application of instructional development in a state department of education. 1028
Bioenergetics: an ecological approach to nutrition education. 1038
How we started students on successful foodservice careers. 1039
A casebook on administration and supervision in industrial--technical education. 1040
Continuing education in nutrition. 1060
Status of curriculum development in the field of commercial food at the non-baccalaureate level. 1062
Developing a hospitality program in high schools. 1063
Review and analysis of curricula for occupations in food processing and distribution. 1074
Film and the media (Revolution). 1089
How to get DJT started on the right food. 1117
Integrating nutrition education into the school curriculum. 1128
Integrating nutrition into the nursing curriculum. 1129
Is there need for change? Round table discussion. 1135
Development of an instrument to evaluate the effect of a school lunch training program. 1148
The master of science program in nutrition. 1154
The master's program in public health nutrition. 1155
New directions in community junior college programs - new students: new faculty. 1172
A food service supervisor's course on a college campus. 1180
Food preparation specialist. 1183
Food service management. 1184
Nutrition education of physicians - five commentaries. 1192
Curriculum guide for food service instructional progress in Pennsylvania. 1212
Proceedings of a symposium: nutrition education at the undergraduate and master's degree level. 1217
Sequential K-12 courses replace old style 'health'. 1236
Teaching nutrition in the medical school. 1255
Supervised food service worker. 1289
Cooks: a suggested guide for a training course. 1290

Food Processing technology. 1291
Quantity food preparation: A suggested guide. 1293
A post-high school program in child care services. 1294
Undergraduate education in dietetics. 1296
Undergraduate education in public health nutrition. 1297
Undergraduate training in nutritional science. 1298
The development and evaluation of eight units of Programmed Instruction designed to teach basic nutrition. 1306
Methods and kinds of nutrition education (1961-72): a selected annotated bibliography. 2249

CUSTARD
Baking a custard (Film loop). 1385
Preparing a custard (Film loop). 1493

CUTLERY
Food training routines II. 1143
Kitchen tool school. 1305
All about Knives (Filmstrip). 1552
Choosing, using, and caring for kitchen cutlery. 1563
Kitchen safety: Preventing cuts and strains (Film Loop). 1735

CUTS (INJURIES)
Kitchen safety: Preventing cuts and strains (Motion picture). 1736

CYCLE MENU
The cyclical menu. 1344
A menu planning guide for Type A school lunches. 1366
Fert Wayne, Indiana, community schools...A system for the future. 2007
The Sacramento system: commodity comparability. 2050

CZECHOSLOVAKIA
Survey of nutrition knowledge as a part of nutrition education. 507

DAIRY FOOD SUBSTITUTES
Use of lowfat dairy spread in medium white sauce and plain white frosting. 1530
Considerations in formulating and producing vegetable fat--based dairy substitutes. 1809

DAIRY FOODS
Cholesterol, fat, and protein in dairy products. 117
Food purchasing practices. 2348

DATA ANALYSIS
Hunger, U.S.A. 119
High school lunch program - a model for decision analysis. 1994
A new decade for School Food Service. 2029

DATA PROCESSING
Integrated nutrition and food cost control by computer. 1340
Day care survey 1970. 2295

DAY CARE PROGRAMS
Federal funds for daycare projects. 2087

DAY CARE SERVICES
Food for groups of young children cared for during the day. 546
Nutrition: Between eating for a Head Start. 551
Nutrition-staff training programs. 554
Nutrition and feeding of infants and children under three in group day care. 561
Communicating with low income families through the school and child day care food service. 779
Small day care centers loom as giant market for frozen prepared lunches. 954
A post-high school program in child care services. 1294
Position paper on food and nutrition services in day-care centers. 2046
School lunch in High Point: a community pride. 2055
Standards and progress in day care center programs. 2065
Federal interagency day care requirements. 2088
A guide for planning food service in child care centers. 2091
Good references on day care. 2281
Day care survey 1970. 2295
Day care survey 1970. 2296
Food buying guide and recipes. 2356

DEAF EDUCATION
Food service: teachers guide. 1174

DECISION MAKING

- Innovative approaches to nutrition education and related management processes. 499
- The practice of general management. 819
- Quantitative inventory management. 929
- A system--what it is and what it does. 974
- Today's youth - A new breed of cat. 980
- High school lunch program - a model for decision analysis. 1994

DEFICIENCY DISEASES AND DISORDERS

- Handbook of nutrition. 64
- Nutrition II. 69
- Vitamin E: your key to a healthy heart. 72
- Disadvantaged children. 94
- Convergent malnutrition?--time for a dialogue. 120
- Communicating with the consumer: nutrition for a good start. 121
- Human nutrition and dietetics. 135
- The Heinz handbook of nutrition. 234
- How to diagnose nutritional deficiencies (Slides). 246
- Hunger and malnutrition - whose responsibility? 249
- Industry focuses on malnutrition. 256
- Interactions of nutrients with oral contraceptives and other drugs. 257
- Iron deficiency in rural infants and children. 263
- Iron metabolism (Slides). 264
- Magnesium in human nutrition. 294
- Malnutrition and its social implications. 287
- Maternal nutrition (Slides). 295
- The ecology of malnutrition in Central and Southeastern Europe. 297
- The ecology of malnutrition in five countries of Eastern and Central Europe. 298
- The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
- The ecology of malnutrition in Northern Africa. 300
- The great vitamin mystery. 337
- Research explores nutrition and dental health. 357
- Nutrition education and the Spanish-speaking American. 390
- Malnutrition - its causation and control. 477
- The vitamins. 484
- Selenium: the maddening mineral. 486
- Malnutrition and intestinal parasites. 496
- I.L.C. and the hungry child. 509
- An evaluation of research in the United States on human nutrition. 535
- Prevention of iron-deficiency anemia in infants and children of preschool age. 559
- Trace elements in human and animal nutrition. 567
- Vitamin E and heart disease. 579
- Vitamin E as a biological antioxidant. 580
- Review of nutrition and diet therapy. 611
- Nutrition and diet therapy. 612
- Food in antiquity. 623
- World food and population problems: Some possible solutions. 669
- The case against hunger. 690
- Implications of the National nutritional study. 2241

DEHYDRATED FOODS

- Dehydrated protein-fortified fruit juices. 1522
- Egg solids: making the convenient more convenient. 1538
- New foods for a new decade. 1990

DEMOGRAPHY

- Cost of raising a child. 14
- Hunger, U.S.A. 119
- Convenience foods: factors affecting their use where household diets are poor. 129
- Industry focuses on malnutrition. 256
- The ecology of malnutrition in Central and Southeastern Europe. 297
- The ecology of malnutrition in five countries of Eastern and Central Europe. 298
- The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
- The ecology of malnutrition in Northern

Africa. 300

- Studies in disease ecology. 301
- Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
- Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
- Ten-state nutrition survey, 1968-1970. 564
- Child spacing as a part of nutrition education programs. 1051
- Characteristics of persons of Spanish origin. 2213
- Children of working mothers. 2215
- Educational attainment of U.S. population. 2225
- Implications of population trends for quality of life. 2240
- Some current population trends. 2270
- World food-population levels. 2285

DEMONSTRATIONS (ANIMAL)

- Whitey and Whiskers and food. 224
- Malnutrition, learning, and behavior. 289
- Focus on nutrition. 295
- Search and research. 342
- You and your food (Motion picture). 617
- You and your food (Motion picture) (Spanish). 618
- Preparation of inexpensive teaching materials. 1163
- Animal feeding demonstrations for the classroom. 1168
- Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1954
- An evaluation of the protein quality of a textured soybean product. 1961

DENTAL CARIES

- Research explores nutrition and dental health. 357

DENTAL HEALTH

- Dudley the Dragon. 61
- Introduction to nutrition. 162
- How we take care of our teeth. 331
- Food and care for dental health. 340
- Research explores nutrition and dental health. 357
- Ten-state nutrition survey, 1968-1970. 564

DESSERTS

- Puddings and other delicious things. 657
- The nation's most desired desserts. 695
- Oklahoma school lunch course of study. 1202
- Oklahoma school lunch desserts. 1203
- An instant recall encyclopedia...Desserts--rama '72. 1339
- Quantity cookery and food preparation. 1377
- Canned puddings: key cost control and profit aspects. 1394
- Baking in the school lunch program. 1533
- Development and consumer evaluation of soft-serve frozen desserts. 1826
- Vegetarian cookery 4. 2115
- Cheese cookery for everyone. 2120
- Ice cream cocktails: a profit potential. 2144
- The professional chef's catering recipes. 2147
- Rice and everything nice. 2162

DETERGENTS

- Detergents and our water. 15
- Foodservice trends to on-premise laundries. 1715

DEVELOPING NATIONS

- Food: proteins for humans. 58
- Teaching nutrition. 168
- Food and nutrition education in the primary school. 187
- Food for life (Motion picture). 198
- Food for life (Videocassette). 199
- Improving nutrition in less developed areas. 254
- Progress in human nutrition: volume I. 291
- Nutrition education for mothers of Filipino preschool children. 393
- Amino acid fortification of protein foods. 482
- The urban avalanche and child nutrition - I. Impact during the industrial revolution and now. 573
- Overcoming world hunger. 652
- Industry's struggle with world malnutrition. 864

ition. 864

- The role of industry in meeting the challenge of future food needs. 938
- Child spacing as a part of nutrition education programs. 1051
- Visual aids in nutrition education. 1095
- Nutrition implementation programs as communication systems. 1197
- At the threshold of attainment. 1974
- Mothercraft Centers combine nutrition and social sciences. 2028
- Our child feeding evensness - a development resource for the seventies? 2043
- Food for Peace around the world. 2080
- Food aid: a selective annotated bibliography on food utilization for economic development. 2226
- An annotated international bibliography of nutrition education. 2273

DIABETES MELLITUS

- Dietetic foods. 90

DIABETIC DIETS

- Education increases consumption of vegetables by children. 159

DICTIONARIES

- Dictionary of nutrition and food technology. 2204
- Food & menu dictionary. 2223
- Ganciel's culinary encyclopedia of modern cooking. 2233
- Our own abridged dictionary of the food service industry. 2257

DIET COUNSELLING

- A study of the need for dietary counselling services for the physician. 505
- The teenage obesity problem - why? - part two. 515

DIET IMPROVEMENT

- Diet healing: a case study in the sociology of health. 142
- Feeding children. 181
- Helping older persons meet their nutritional needs. 236
- Iron, blood, and nutrition. 266
- Nutritional improvement and world health potential. 421
- Nutritional problems after fifty. 423
- Protein food mixture for Iran - acceptability and tolerance in infants and preschool children. 458
- Amino acid fortification of protein foods. 482
- The teenage obesity Problem - why? - part two. 515
- The teenage obesity Problem - why? - part I. 516
- Textured vegetable protein...solution to institutional dietary problems? 521
- The urban avalanche and child nutrition - I. Impact during the industrial revolution and now. 573
- Standards, labeling, education to improve the diet. 720
- Ideas for promoting participation. 858
- Industry's struggle with world malnutrition. 864
- Changing Head Start mothers' food attitudes and practices. 1050
- Influence of nutrition education on fourth and fifth graders. 1124
- Nutrition education in the funny papers. 1191
- Genetic improvement of crop foods. 1865
- Mothercraft Centers combine nutrition and social sciences. 2026

DIET INFORMATION

- Dietary levels for tri-city elementary school children. 81
- Effects of frequency of eating - part 1. 163
- Effects of frequency of eating - part 2. 164
- Exercise, dietary intake, and body composition. 170
- Nutrition For Head Start. 398
- Nutritive content of the usual diets of eighty-two men. 431
- Serum cholesterol from pre-adolescence through young adulthood. 490
- Gallup counts the calorie counters. 832
- Diet is not just a four-letter word. 1329

DIET PATTERNS

- Diet and atherosclerosis. 139
- Diet as a regulator of metabolism. 141
- Effects of frequency of eating - part 1. 163
- Effects of frequency of eating - part 2. 164

DIETARY HISTORY

- Food consumption of low-income, rural Negro households in Mississippi. 193
Iron deficiency in rural infants and children. 263
The ecology of malnutrition in Central and Southeastern Europe. 297
The ecology of malnutrition in five countries of Eastern and Central Europe. 298
The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
The ecology of malnutrition in Northern Africa. 300
Multidisciplinary approach to the problem of obesity - sixth Martha F. Trausen Memorial Lecture. 327
Nutrition education and the Spanish-speaking American. 390
Nutritional problems after fifty. 423
Nutritional studies during pregnancy: I. Changes in intakes of calories, carbohydrate, fat, protein, and calcium; II. dietary intake, maternal weight gain, and size of infant. 427
Nutritive content of the usual diets of eighty-two men. 431
Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
Psychologic facilitations of the nutritional needs of the elderly. 452
Research on diet and behavior. 471
Seasonal variations in U.S. diets. 483
Some thoughts on food and cancer. 497
Supplemental proteins: does the U.S. diet really need it? 506
Tocopherols and fatty acids in American diets - the recommended allowances for vitamin E. 527
Dietary levels of households in the United States, spring 1965. 545
Dietary studies of northern Utah pre-adolescent and adult-scent children. 574
Vitamin A and iron in infants' diets in Israel. 578
The wheel of health. 614
Russian-American food patterns. 2163
- DIETARY HISTORY**
A half century of changing food habits among Japanese in Hawaii. 231
Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
- DIETARY INFORMATION**
Diet and nutrients of preschool children in Honolulu - survey of low- and middle-income families. 140
Enrichment and fortification of foods, 1966-70. 157
Food intake of infants attending well-baby clinics in Honolulu. 203
Nutritional review. 424
Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
Protein components of blood and dietary intake of preschool children. 457
Some factors for refusal to participate in nutrition survey. 495
- DIETARY STANDARDS**
Communicating with the consumer: basic research on nutrition and safety. 4
Nutrition education: an integral part of consumer education. 29
Food - the yearbook of Agriculture 1959. 39
Nutrition for athletes: A handbook for coaches. 60
Handbook of nutrition. 64
A balanced diet (Film loop). 73
Nutrition: a comprehensive treatise. 83
The Beginning of Life (Filmstrip). 85
Dietetic foods. 90
The Canadian dietary standard. 108
A chink in our armor. 115
Diet in early life in relation to atherosclerosis. 143
Dietary allowances - an international point of view. 145
The need for cereal foods of improved protein value in the United States. 157
Calorie requirements. 188
Food for health: calories (Film loop). 197
Good food works for you (Show 'n' Tell). 226
The Heinz handbook of nutrition. 234
Helping older persons meet their nutri-

- tional needs. 236
Household food spending effects diet adequacy. 239
Basic principles of nutrition. 283
Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
Maternal nutrition (Slides). 296
Calcium in nutrition. 338
Nutrition source book. 341
Newer knowledge of milk. 349
How your body uses food. 350
Symposium papers on food and health. 367
Newer methods of nutritional biochemistry with applications and interrelationships - volume V. 368
Nutrition education: Nutrition delivery systems and the management function. 372
Nutrition and the Type A lunch. 388
Nutrition education for the "new" generation. 394
Food choices: the teen-age girl. 402
Your diet: health is in the balance. 403
Food. 406
Nutrition notes: iron fortification of foods. 412
Proteins and minerals (Film loop). 461
Recommended intakes of nutrients for the United Kingdom. 468
Review of food grouping systems in nutrition education. 474
Malnutrition - its causation and control. 477
The vitamins. 484
Selenium: the maddening mineral. 486
Nutritive value of foods. 535
Food for fitness. 537
An evaluation of research in the United States on human nutrition. 550
Feeding the child with a handicap. 562
A guide to nutrition and food service for nursing homes and homes for the aged. 566
Trace elements in human and animal nutrition. 567
Looking at nutrition 12 ways. 571
School lunch and the curriculum. 591
You and your food (Motion picture). 617
You and your food (Motion picture) (Spanish). 618
Nutritional guidelines - the how, the why, and the what. 704
Nutritional guidelines and the labeling of foods. 706
Some considerations for nutritional labeling. 718
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 729
Management aspects of school lunch programs in Iowa. 365
Food needs of family members. 1283
Vitamins and you (Filmstrip). 1302
Beginning menu planning. 1324
A menu planning guide for breakfast at school. 1365
Breakfast program in schools receives wide acceptance. 1978
If we had ham, we could have ham and eggs - if we had eggs. 2005
A study of the effect of certain management factors on nutritive value and public participation in the school lunch. 2040
Tables of food values. 2209
Food values of portions commonly used. 2216
Food values and calorie charts. 2271
- DIETARY STUDY METHODS**
Accuracy of 24-hr. recalls of young children. 49
Canada launches a national nutrition survey. 107
Food consumption of low-income, rural Negro households in Mississippi. 193
National nutrition education conference. 359
Nutrition Canada. 378
Nutrition for Head Start. 395
Nutritional status of Negro preschool children in Mississippi - evaluation of HOP index. 425
Nutritive content of the usual diets of eighty-two men. 431
Some factors for refusal to participate in nutrition survey. 495
The status of nutrition in the United States. 502

- Problems of assessment and alleviation of malnutrition in the United States. 577
Cameras in a dietary study - methodology of a longitudinal growth research project. 786
Tools for nutrition education--some examples. 1266
ENEP evaluated. 1991
- DIETARY SUPPLEMENTS**
Nutrition for athletes: A handbook for coaches. 60
Statement of Walter A. Compton, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
The need for iron fortification. 360
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 729
- DIETARY SURVEYS**
Nutrition/cardiovascular reviews, 1970-1971. 63
Canada launches a national nutrition survey. 107
Contribution of certain nutrients added to foods to dietary intake. 127
Contribution of hard water to calcium and magnesium intakes of adults. 128
Diet and nutrition of preschool children in Honolulu - survey of low- and middle-income families. 140
Dietary intake and physical development of Phoenix area children. 147
Diets of preschool children in the North Central Region: calcium, phosphorus, and iron. 150
Diets of preschool children in the North Central Region: calories, protein, fat, and carbohydrate. 151
Effect of diet and/or exercise on obese college women. 160
Exercise, dietary intake, and body composition. 170
Food and nutrient intake of children from birth to four years of age. 190
Food consumption of low-income, rural Negro households in Mississippi. 193
Food habits of migrant farm workers in California - comparisons between Mexican-Americans and "Anglos". 202
Food intake of infants attending well-baby clinics in Honolulu. 203
Growth of preschool children in the North Central Region. 228
Hemoglobin and folate levels of pregnant teen-agers - relationship to dietary levels. 237
Nutrition education [Panel 1.] [Panel 2.]. 328
Nutrient intake and weight response of women on weight-control diets. 374
Nutrition Canada. 378
Nutrition education and the Spanish-speaking American. 390
Nutritional status of Negro preschool children in Mississippi - evaluation of HOP index. 425
Nutritional studies during pregnancy: I. Changes in intakes of calories, carbohydrate, fat, protein, and calcium; II. dietary intake, maternal weight gain, and size of infant. 427
Nutrition of a group of school children in Ohio with improved diets. 438
Preformed vitamin A, carotene, and total vitamin A activity in usual adult diets. 452
The price of civilization. 455
Shopping practices of low-income groups for convenience foods. 491
Some factors for refusal to participate in nutrition survey. 495
The status of nutrition in the United States. 502
Basic data on metabolic patterns in 7- to 10-year-old girls in selected Southern states. 533
Food and nutrient intake of individuals in the United States: spring 1965. 534
Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
Ten-state nutrition survey, 1968-1970. 564
Utilization of inorganic elements by young women eating iron-fortified foods. 576
Problems of assessment and alleviation

- of malnutrition in the United States. 577
- Food in antiquity. 628
- Effects of some new production and processing methods on nutritive values. 1837
- Effects of USDA commodity distribution program on nutritive intake. 1973
- Nutrition awareness in the USA. 2034
- A study of school feeding programs - 1. Economic eligibility and nutritional need - 11. Effects on children with different economic and nutritional needs. 2068
- Home economics research abstract: 7. food and nutrition. 2198
- Publications of the National nutritional study. 2241
- DIETETIC INTERNSHIP PROGRAMS**
Educating the dietitian in a changing world. 1075
- DIETETICS**
Dietetic foods. 70
- Nutrition and physical fitness. 97
- Human nutrition and dietetics. 135
- Basic nutrition in health and disease including selection and care of food. 248
- Newer knowledge of milk. 349
- Nutrition education is behavioral change. 395
- Your diet: health is in the balance. 403
- Basic nutrition and diet therapy. 476
- Textured vegetable protein (TVP). 520
- Handbook of diet therapy. 531
- Nutrition and diet therapy. 610
- Review of nutrition and diet therapy. 611
- Nutrition and diet therapy. 612
- A study guide for the food service supervisor. 1321
- Manual for the education of the food service supervisor---part one of two-part series. 1022
- Dietetic manpower trends in education and training. 1058
- Dietetic training '73. 1070
- Education for dietetics: the tri-basket technique. 1077
- The long view. 1151
- A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patients for use in schools of nursing. 1235
- Teaching as changing behavior. 1254
- Dietitian aides. 1262
- Undergraduate education in dietetics. 1296
- Selected list of reliable nutrition books (revised 1970). 2277
- DIETITIAN AIDES**
Dietitian aides. 1262
- DIETITIANS**
An anthropologist views the nutrition professions. 66
- The application of nutrition information to persons trained in food service who do not have a dietitian as a continuous resource of nutrition information. 67
- Drugs and nutrition. 156
- Responsibility of dietitians for providing information about food: it's awareness and nutritional value. 473
- A study of the need for dietary counseling services for the physician. 505
- A guide to nutrition and food service for nursing homes and homes for the aged. 555
- And then there were 171. 1026
- CNI joins in training Milwaukee interns. 1042
- Dietetic manpower trends in education and training. 1058
- The dietetic professional in the labor force. 1059
- Dietetic training '73. 1070
- Continuing education in nutrition-1970. 1071
- Educating the dietitian in a changing world. 1075
- Education for dietetics: the tri-basket technique. 1077
- Food service orientation (Film loop). 1102
- The long view. 1151
- New professionals to the rescue. 1179
- Textiles updated for today's dietitian. 1676
- Nutrition services in child health programs. 2036
- DIETS**
Convenience foods: factors affecting their use where household diets are poor. 129
- Men as a patient. 290
- Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
- Calories and weight. 538
- We're short of calcium, too. 589
- The use of a computer in formulating low cost diets. 990
- Fish protein concentrate enrichment of noodles. 1849
- DIETS FOR ATHLETES**
Nutrition for athletes: A handbook for coaches. 60
- Olympic athletes view vitamins and victories. 441
- DIETS FOR SPECIAL CONDITIONS**
Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
- Mulligan stew: Count down 4-4-3-2 (Videocassette). 316
- Nutrition and handicapped children. 381
- Nutrition education for mothers of Philippine preschool children. 393
- Nutrition in a maternity and infant care project. 407
- Nutrition to meet the human needs of older Americans. 416
- Observations on the use of a supplemental beverage. 435
- Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
- Psychologic implications of the nutritional needs of the elderly. 462
- Proposed nutritional guidelines for formulated meals--foods of the future. 1921
- Slim'n swim--a summer nutrition program for underprivileged teen-age girls. 2061
- Pregnancy and nutrition. 2268
- DIGESTION**
Nutrition of animals of agricultural importance; part 1. 134
- Food for health: calories (Film loop). 197
- The Heinz handbook of nutrition. 234
- Mulligan stew: Look inside yourself (Motion picture). 319
- Mulligan stew: Look inside yourself (videocassette). 320
- Food and nutrition. 485
- DIGESTION AND ABSORPTION**
Food science: a chemical approach. 213
- Gastrointestinal absorption (Slides). 220
- DINING ROOMS**
The ABC's of make-up air. 1547
- It's multi-purpose. 1604
- DINNERWARE**
Setting the table (Film loop). 1237
- Gallus survey - have eatrons accepted disposables - absolutely or conditionally? 1579
- Single service systems: exclusive survey showing trends and attitudes towards foodservice disposable systems and permanent were 1972. 1596
- How to select and care for serviceware, textiles, cleaning compounds. 1607
- Dinnerware. 1624
- Hospital study of patient feeding on single service. 1664
- DIRECTORIES**
1972 school food service showcase. 1692
- I. Nutrition programs of ICNE member agencies. 2012
- Profiles in quality education. 2095
- 1972 Junior college directory. 2195
- Official GED Centers. 2196
- American Junior colleges. 2197
- American library directory 1970-1971. 2202
- Federal library resources. 2205
- Books in print 1972. 2207
- The college blue book. 2217
- Directory of foodservice designers. 2224
- Washington III. 2234
- II. Consumer specialists of the Food and Drug Administration. 2239
- The IFMA encyclopedia of the foodservice industry. 2243
- Research resources: volume 2. 2247
- Directory of information resources in agriculture and biology. 2252
- The New York Times guide to continuing education in America. 2274
- Directory of films for data education. 2275
- United States Government organization manual, 1972/73. 2288
- Education directory: elementary and secondary education. 2289
- Directory of educational information centers. 2290
- Education directory. 2291
- Allied health education programs in Junior colleges/1970. 2293
- DISADVANTAGED GROUPS**
Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
- You can help fight hunger in America. 2089
- You can help fight hunger in America. 2092
- Eating and drinking places industry. 2286
- DISADVANTAGED YOUTH**
The development of three instruments to assess forces behind food habits and methods of change. 75
- Disadvantaged children. 94
- H.R. 9098 - a bill to extend and amend certain provisions of the Child Nutrition Act and of the National School Lunch Act. 722
- H.R. 7934 - a bill to extend and amend the Child Nutrition Act of 1966. 724
- Hearings, Ninety-second Congress, first session, on nutrition and human needs. 727
- 93¢ a day. 1010
- All benefit from handicaps' training. 1014
- Training the handicapped. 1273
- Writing their own menus. 1370
- Their daily bread. 1984
- Current demands on the School Food Service System. 1987
- Everybody here loves children. 1996
- F.O.D.O aids needy children. 1998
- The lunch bunch study. 2019
- Slim'n swim--a summer nutrition program for underprivileged teen-age girls. 2061
- A study of school feeding programs - 1. Economic eligibility and nutritional need - 11. Effects on children with different economic and nutritional needs. 2068
- Profiles in quality education. 2095
- DISCUSSION (TEACHING TECHNIQUE)**
Getting participation in films. 1106
- Techniques for effective teaching. 1169
- Wake them up: ask the right questions. 1304
- DISEASE PREVENTION**
Your heart has nine lives. 95
- Fats and heart disease. 177
- Studies in disease ecology. 301
- Staphylococcus food poisoning. 309
- Vitamin C and the common cold. 446
- Malnutrition - its causation and control. 477
- Some thoughts on food and cancer. 497
- Vitamin E and heart disease. 579
- A 24-hour method for the detection of coagulase-positive staphylococci in fish & shrimp. 621
- Botulism. 1697
- Control of ants, flies and mosquitoes (Film loop). 1705
- Control of rats and mice (Film loop). 1706
- Food, hands, and bacteria. 1717
- Handwashing procedures (Film loop). 1720
- Identification and control of roaches (Film loop). 1724
- Isolation from mixed culture (Motion picture). 1725
- Keep clean, stay well (Motion picture). 1729
- Salmonellosis. 1747
- Mouse toxin--neutralization test (Motion picture). 1748
- An Outbreak of Staphylococcus Intoxication (Motion picture). 1756
- Public health aspects of poultry processing (Motion picture). 1759
- Safe food (Motion picture). 1763
- Safe food (Motion picture). 1764
- Serving food (Motion picture). 1775

DISHWASHERS

- Standards of cleanliness (Film loop). 1778
- Staphylococcal control and the food processor. 1779
- DISHWASHERS**
- Man-machine productivity of dishwashing operations in hospitals. 880
- Six solutions to ware handling. 1658
- A systems approach to warewashing equipment. 1673
- Your biggest investment (Film loop). 1690
- Mr. Dish machine operator (Film Loop). 1749
- Mr. Dish machine operator (Film Loop) (Spanish). 1750
- Mr. Dish machine operator (Motion Picture). 1751
- DISHWASHING**
- Detergents and our water. 15
- Man-machine productivity of dishwashing operations in hospitals. 880
- Hospital dishwashing (Film loop). 1114
- Food training routines. 1142
- An important aid to the dish machine - the electric booster water heater. 1593
- Commercial gas fired and electrically heated hot water generating equipment. 1614
- Pot, pan and utensil commercial spray type washing machines. 1620
- Detergent and chemical feeders for commercial spray type dishwashing machines. 1621
- Commercial spray-type dishwashing machines. 1633
- School lunch rooms. 1639
- Instructor's guide for presenting equipment use and care. 1643
- Six solutions to ware handling. 1658
- A systems approach to warewashing equipment. 1673
- Food sanitation: study course. 1728
- Mr. Dish machine operator (Film Loop). 1749
- Mr. Dish machine operator (Film Loop) (Spanish). 1750
- Mr. Dish machine operator (Motion Picture). 1751
- Safety and sanitation. 1754
- Sanitation for food service workers. 1761
- Washing up (Film loop). 1785
- Washing-up: Part 1 (Slides). 1786
- Washing-up: Part 2 (Slides). 1787
- DISORDERS**
- Nutrition and "the pill". 379
- DISORDERS OF BODY PARTS AND SYSTEMS**
- Studies in disease ecology. 331
- Obesity - part 3. 434
- Some interactions between nutrition and stress. 476
- Where old age begins (Slides). 604
- DISPOSABLES**
- Gallus survey - have patrons accepted disposables - absolutely or conditionally? 1579
- Single service systems: exclusive survey showing trends and attitudes towards foodservice disposable systems and permanent ware 1972. 1596
- Single service ware and today's consumer. 1665
- Single service: facts, not talk. 1666
- Single service: the creative plus. 1667
- Disposables and disposability. 1708
- DISTRIBUTIVE EDUCATION**
- Food service management. 824
- DISTRICT OF COLUMBIA**
- How the District feeds its kids. 2009
- Washington III. 2234
- DOCUMENTATION**
- Documentation in education. 2210
- AV cataloging and processing simplified. 2244
- DONATED FOODS**
- Food for thrifty families. 555
- The commodities controversy: food for your lunch. 632
- Hearings, Ninety-second Congress, first session, on nutrition and human needs. 728
- Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
- Management procedures and records. 767
- Processing contracts: man vore bread. 1919
- Their daily bread. 1934
- A study of the effect of certain manage-

- ment factors on nutritive value and pupil participation in the school lunch. 2040
- Our child feeding overseas - a development resource for the seventies? 2043
- You can help fight hunger in America. 2049
- Child nutrition programs. 2090
- Guide for warehousing. 2351
- Food storage guide for schools and institutions. 2354
- DRAMATIC PLAY**
- Visual aids in nutrition education. 1095
- Preparation of inexpensive teaching materials. 1163
- Techniques for effective teaching. 1169
- Pupnets are effective teachers. 1221
- DRESSINGS**
- Advantages of apricot in coloring non-standardized dressings and spreads. 1790
- Developing a product to make salads taste special. 1823
- Formulating low calorie foods with carbohydrate gums. 1856
- DRIED BEEF PRODUCTS**
- Institutional meat purchase specifications for cured, dried, and smoked beef products--series 600. 740
- DRIED FOODS**
- Microbiology of frozen cream-type pies, frozen soaked-cooked shrimp and dry food-grade gelatin. 305
- Food service for the Army and Air Force. 973
- Custard sauces made with four types of processed eggs. 1818
- Dry sauces, soup mixes reap benefits of new ingredient: low moisture apple solids. 1831
- The beanery. 2300
- Food purchasing. 2309
- Effect of packaging on quality of dehydrated potato granules during storage. 2317
- DRIED FRUITS**
- Effect of storage and processing on sulfur dioxide in preserved fruit. 1836
- DRIVE TO SERVE PROGRAM**
- Food guide & recipe book for the Drive to Serve Program. 2176
- DRUGS**
- Drugs and nutrition. 156
- Interactions of nutrients with oral contraceptives and other drugs. 257
- DRY ICE**
- Fast-freezing the DU way. 2307
- EARLY CHILDHOOD EDUCATION**
- Nutrition the 1-2-3-4 way. 415
- ECOLOGGY**
- Man, health, and environment. 230
- Malnutrition, learning, and behavior. 289
- The ecology of malnutrition in Central and Southeastern Europe. 297
- The ecology of malnutrition in five countries of Eastern and Central Europe. 298
- The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
- The ecology of malnutrition in Northern Africa. 300
- Studies in disease ecology. 301
- Legal requirements for food safety. 696
- Ecological pressures on nutritional resources. 807
- Bioenergetics: an ecological approach to nutrition education. 1038
- Disposables and disposability. 1708
- Pollution, people, power and profit - forces at work to change packaging. 1912
- ECONOMIC EDUCATION**
- Preventing waste (Film Loop). 1496
- ECONOMIC INFLUENCES**
- Percent of income spent for food: estimates from national income and household survey data. 32
- Child malnutrition and its implications for schools. 113
- Dietary intake and physical development of Phoenix area children. 147
- Food and nutrient intake of children from birth to four years of age. 190
- Growth of preschool children in the North Central Region. 228
- Improving nutrition in less developed

- areas. 254
- Nutrition notes: consumer and food industry equally responsible for poor nutrition. 410
- Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426
- Food and nutrient intake of individuals in the United States: spring 1965. 534
- Dietary levels of households in the United States: spring 1965. 545
- Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
- What influences malnutrition? 595
- The three A's of change - Anticipating, Accepting, Actuating. 978
- Health education - a conceptual approach. 1229
- A study of school feeding programs - I. Economic eligibility and nutritional need -II. Effects on children with different economic and nutritional needs. 2065
- ECONOMICS**
- The lunch bunch study. 131
- The hotel and restaurant business. 642
- Changes in food wholesaling. 773
- Comparison of cost structures of food stores and eating and drinking places. 783
- Walk-in cooling. 1682
- Food aid: a selective annotated bibliography on food utilization for economic development. 2226
- EDUCATION**
- ASBO resolution affirms dedication to educational and food service needs of students. 48
- California states its position. 102
- How up-to-date is your nutrition knowledge. 247
- Rap sessions with Dr. Perryman--A dialogue with seminar participants. 466
- Education in the States: nationwide development since 1900. 645
- Accountability '70: food service style. 751
- Communication - Change. 780
- The mouse and the astronaut. 894
- School board source of foodservice support. 943
- A guide to the evaluation of educational experiences in the armed services. 1017
- Educational directions. 1078
- Procedures for developing, submitting and evaluating individual projects. 1216
- A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patient, for use in schools of nursing. 1235
- So you want to get ahead? 1245
- Community action: the nonprofessional in the educational system. 1288
- Undergraduate training in nutritional science. 1298
- F.O.O.D. aids needy children. 1998
- The impact of school food service, its value to education and its future. 2013
- Summer programs offer 'three squares'. 2073
- Documentation in education. 2210
- Educational attainment of U.S. population. 2225
- How to lay your hands on information. 2238
- Directory of films for data education. 2275
- Directory of educational information centers. 2290
- Education directory. 2291
- EDUCATIONAL ADMINISTRATION**
- Education in the States: nationwide development since 1900. 645
- The school administrator and the food service program. 920
- A study of the educational aspects of the School Lunch Program in South Carolina. 1166
- What schools are doing. 2099
- Standards for school media programs. 2201
- EDUCATIONAL FINANCE**
- Education in the States: nationwide development since 1900. 645
- Principles of public accounting. 987
- Save for a change: ideas to cut costs.

1504
Educational opportunity bank. 2044
Education in the seventies. 2292
The year-round school: faddish or feasible. 2297

EDUCATIONAL GAMES
Fuel puzzles; basic 4; plan-a-meal. 371
The colorful game. 1043
Everywhere that Mrs. Farley went... 1044
Getting the most for your media dollar. 2. 1104
Innovations in nutrition education: programs and methods. 1125
Teach nutrition with games. 1162
Techniques for effective teaching. 1169

EDUCATIONAL INFLUENCES
Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426

EDUCATIONAL PLANNING
Dietetic manpower trends in education and training. 1058
Food information of homemakers and 4-H youths. 1095
Food science and human nutrition. 1098
Food science education. 1094
Food science programs. 1100
Human relations training - new value from a well-planned technique. 1121
Year-round school: districts devise successful programs. 1171
New directions in community junior college programs - new students; new faculty. 1172
Nutrition education of physicians - five commentaries. 1192
Planning training activity. 1213
Problems and progress in nutrition education. 1215
Teaching successfully in industrial education. 1240
Team supervision. 1257
To hand out or not to hand out. 1264
Community action: the nonprofessional in the educational system. 1288
Instructional television facilities. 1314
How to forecast school enrollments accurately - and years and years ahead. 2237
The innovative diffusion center: a potential concept to accelerate educational change. 2242
General teacher references. 2265
Education in the seventies. 2292
Affiliated health education programs in junior colleges/1970s. 2293
The year-round school: faddish or feasible. 2297

EDUCATIONAL PROGRAMS
The exploitation of nutrition information to persons trained in food service who do not have a dietitian as a continuous resource of nutrition information. 67
The expanded food and nutrition education program. 171
Basic principles of nutrition. 283
How to push a good thing. 456
Attitudes in selection and training of food service personnel. 1029
Dietetic manpower trends in education and training. 1058
Films help career guidance program. 1090
Food science and human nutrition. 1098
Home study courses for food service employees - an Iowa program. 1112
How professional are you? 1115
School food service management. 1131
School food service management. 1132
School food service management: short course I. 1133
Techniques in the preparation of fruits and vegetables. 1140
New directions in community junior college programs - new students; new faculty. 1172
Menu planning for school lunch. August 11-14, 1969. 1173
A food service supervisor's course on a college campus. 1180
Nutrition education in the funny papers. 1191
Nutrition education of physicians - five commentaries. 1192
Management I. 1231
A partnership in evaluation - a case study in evaluation of a managerial training program. 1211

Self-instructional program of training for food service personnel composed with group training. 1231
A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patients for use in schools of nursing. 1235
Training can be professional. 1268
Training department becomes an income producer. 1269
When, how and why to use training consultants. 1309
Menu planning for school lunch. August 11-14, 1969. 1344
Safety and sanitation. 1752
Mothercraft Centers combine nutrition and social sciences. 2028
Standards and procedures in day care center programs. 2065
Profiles in quality education. 2095
Methods and kinds of nutrition education (1961-72): a selected annotated bibliography. 2249

EDUCATIONAL RESOURCES
Conceptualizing the learning center. 1058
Exploring local resources. 1047
New directions in community junior college programs - new students; new faculty. 1172
Nutrition education in the funny papers. 1191

EGGS
Quantity cooking and food preparation. 1377
Eggs (Transparencies). 1419
Give your eggs a break (Film Loop). 1437
Omelet (Film Loop). 1479
Custard sauces made with four types of processed eggs. 1618
Egg solids: making the convenient more convenient. 1838
Convenience food systems: Sacramento develops a semi-convenience system. 1946
Put egg in your pizza. 2159
Purchasing. 2310
Purchasing eggs for food service establishments. 2320

ELDERLY (65 + YEARS)
Helping older persons meet their nutritional needs. 236
Nutrition and health-screening services for the elderly - report of a demonstration project. 362
Nutrition education is behavioral change. 396
Nutrition progress for senior citizens. 414
Nutrition to meet the human needs of older Americans. 416
Nutritional problems after fifty. 423
Psychosocial implications of the nutritional needs of the elderly. 462
School board source of foodservice support. 943
A guide to nutrition and food service for nursing homes and homes for the aged. 946
3rd-agers - the new hedonists. 1004
Nursing home menu planning. Food purchasing and management. 1372
Feeding the elderly: the baby of school lunch. 2000
L.A. kids get hot meals this summer: their grandparents eat something, too. 2014
Meals for the elderly. 2024
Nutrient contribution of a meals program for senior citizens. 2033
Portable meals contribute to nutrition education efforts. 2045
School lunch in High Point: a community pride. 2055
School lunch in High Point: a community's pride. 2056
White House Conference on Aging - report of the Nutrition Section. 2101
Food guide & recipe book for the Orvis to Serve Program. 2176
Aging and nutrition. 2267

ELECTRICITY
Control patterns for the cooking battery. 791
The air conditioning story: part 5. 1549
The case for the electric steam generators. 1561
The imperative of adequate wiring - part 2. 1591

Role of a unique product safety testing organization. 1658
Systems solution for the 73's: part 1. 1674

ELEMENTARY EDUCATION
The food foods book. 53
Alexander's breakfast secret (Filmstrip). 55
Dudley the Dragon. 61
Breakfast: 4-4-3-2 way (Show'n Tell). 99
The great nutrition puzzle. 103
Fun with food facts. 137
Omelet great thine (Motion picture). 154
Nutrition education guide. 154
Food and nutrition education in the primary school. 147
Food, energy and you (Videocassette). 210
Food, energy, and you (Motion picture). 211
A nutrition guidebook for elementary school teachers. 221
A resource handbook for teaching nutrition in the elementary school. 223
Whitely and Whiskers and food. 224
Food facts and fun with "Butter & Beyond". 227
Journey into nutrition (Motion picture). 271
Focus on nutrition. 295
Nutrition education in the elementary schools. 312
Uncle Jim's dairy farm. 330
How we take care of our teeth. 331
More milk please! 335
My friend the cow. 336
Food and care for dental health. 340
Omelet better at work and play. 343
Animals that give people milk. 344
Where we eat our food. 346
What did you have for breakfast this morning? 347
Let's take milk apart. 350
Taking milk apart. 351
How your body uses food. 353
Fuel puzzle; basic 4; plan-a-meal. 371
Nutrition education practices in elementary schools in Hawaii. 397
Nutrition in music (Audiotape). 406
Nutrition instruction and lunch surveys with second graders. 409
Understanding food. 511
Teaching nutrition in the elementary schools. 565
Jane and Jimmy learn about fresh fruits and vegetables. 569
You and your food (Motion picture). 617
You and your food (Motion picture) (Spanish). 618
Hello U.S.A. 644
Bioenergetics: an ecological approach to nutrition education. 1034
Criteria for the selection of recorder, filmstrip and films for young children. 1065
The effect of a nutrition education program at the second grade level. 1081
An experiment in integrating nutrition education into the elementary school curriculum (A panel). 1084
Film and the media (Revolution). 1089
Food-life depends on it. 1103
Influence of nutrition education on fourth and fifth graders. 1124
Lunch-room etiquette (Motion picture). 1152
Teach nutrition with games. 1162
What will I be from A to Z. 1167
Nutrition knowledge and attitudes of early elementary teachers. 1198
Sue learns about the use of measurements in cooking. 1238
The three R's help make good eating important. 1263
Cooking is fun. 1471

ELEMENTARY SCHOOLS
School building design meets educational philosophy in Boyertown. 1660

EMBRYOLOGY
The Beginning of life (Filmstrip). 65

EMERGENCY FEEDING
Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
Mulligan stew: Count down 4-4-3-2 (Videocassette). 316
Food service for the Army and Air Force. 973
A manual for emergency mass feeding

EMOTIONALLY DISTURBED

- Indoor 1474
- A guide to food progress in Montgomery County. 2027
- Nutrition services of the American Red Cross. 2037
- Thousands came to dinner. 2077

EMOTIONALLY DISTURBED

- Food and nutrition education for emotionally disturbed women. 191

EMPLOYEE THEFT

- Preventing employee theft (Film, color). 924

EMPLOYMENT OPPORTUNITIES

- The world of food. 543
- The dietetic professional in the labor force. 1059
- Education and training for industry - volume 1. 1127
- Minority view: dining growing or opportunity? 1160
- Your future in restaurants and food service. 1337
- Write your own ticket (Films/Reprints). 1315
- Education in the seventies. 2292
- Supersnooper. 2314

ENCYCLOPEDIAS

- Woman's Day Encyclopedia of cookery, vol. 3. 2162
- Woman's Day encyclopedia of cookery, vol. 1. 2163
- Woman's Day encyclopedia of cookery, vol. 10. 2164
- Woman's Day encyclopedia of cookery, vol. 11. 2165
- Woman's Day encyclopedia of cookery, vol. 12. 2166
- Woman's Day encyclopedia of cookery, vol. 2. 2167
- Woman's Day encyclopedia of cookery, vol. 4. 2168
- Woman's Day encyclopedia of cookery, vol. 5. 2169
- Woman's Day encyclopedia of cookery, vol. 6. 2170
- Woman's Day encyclopedia of cookery, vol. 7. 2171
- Woman's Day encyclopedia of cookery, vol. 8. 2192
- Woman's Day encyclopedia of cookery, vol. 9. 2193
- Larousse Gastronomique. 2250

ENERGY

- Foodservice industry mounts crusade to conserve natural gas. 22
- Nutrition 11. 59
- The behavioral cybernetic components of human nutrition. 49
- Calories, energy and weight control. 106
- Nutrition. 111
- Exercise, dietary intake, and body composition. 170
- The Joule - unit of energy. 270
- Remarks on the Joule. 469
- An industrial view of nutritional labeling and nutrition education. 692
- Ecological pressures on nutritional resources. 807
- Bioenergetics: an ecological approach to nutrition education. 1038

ENERGY METABOLISM

- Nutrition: a course for school food service personnel. 101
- Food, energy and you (videocassette). 210
- Food, energy, and you (motion picture). 211
- In defense of body weight. 255
- The Joule - unit of energy. 270
- Remarks on the Joule. 469

ENGINEERED FOODS

- Nutritional aspects of engineered foods and delivery systems in school food service. 420
- Focusing on feeding kids. 2003

ENGLISH INSTRUCTION

- ESL English. 1147

ENRICHMENT

- Enrichment facts for the consumer. 17
- Contribution of certain nutrients added to foods to dietary intake. 127
- The dietary iron controversy. 145
- The need for cereal foods of increased protein value in the United States. 157
- Enrichment and fortification of foods, 1966-70. 167
- The experts debate: the added enrichment of bread and flour with iron. 172
- The heart of the matter - a matter of opinion. 233

- Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
- Mulligan stew: Count down 4-4-3-2 (Videotape). 316
- Of (iron) pots and pans. 437
- Round-table discussion. 477
- Independent bakers prove sales advantage of nutritional enrichment. 1669
- Nutritification. 1901
- Recent developments in the vitamin technology of bread---history pertinent today. 1926
- Composition of foods. 2280

ENRICHMENT AGENTS

- Enrichment facts for the consumer. 17
- Enrichment and fortification of foods, 1966-70. 167
- Notebook on why 'engineered' foods at school. 1399

ENROLLMENT

- How to forecast school enrollments accurately - and years and years ahead. 2237

ENVIRONMENTAL FACTORS

- Diet in early life in relation to atherosclerosis. 143
- Man, health, and environment. 230
- Hunger and malnutrition - whose responsibility? 243
- Studies in disease ecology. 301
- Nutritive value of "organically grown" foods. 432
- Obesity - new happenings. 433
- Some interrelations between nutrition and stress. 496
- Some thoughts on food and cancer. 497
- I.L.C. and the hungry child. 509
- Time-temperature and time-weight losses in soil roasts. 526
- Microwave vs. conventional cooking of vegetables at high altitude. 1883
- Food for tomorrow: resources, environment, distribution. 1885
- Sugar, acid, and flavor in fresh fruits. 1943
- As others see us. 1973

ENZYMES

- Diet is a regulator of metabolism. 141
- Intestinal malabsorption (Slides). 257
- Lipases and flavor development in some Italian cheese varieties. 1474
- Some applications of enzymes of microbial origin to foods and beverages. 1935
- Enzymes in food processing and products. 1972. 1966

EQUIPMENT

- Nutrition and feeding of infants and children under three in group day care. 561
- Food service equipment industry. 624
- The hotel and restaurant business. 642
- Work improvement. 769
- Colorado school lunch handbook. 778
- Convenience food systems: vote "yes" on a convenience foods system? 794
- Security for business and industry. 849
- Planning and operating a successful food service operation. 968
- The basic four of work. 870
- Science of home economics and institutional management. 933
- The science of housekeeping. 982
- School and institutional lunchroom management. 996
- Instructor's outline for foundations of school food service. 1094
- Food service: teachers guide. 1174
- New professionals to the rescue. 1179
- Curriculum guide for food service instructional programs in Pennsylvania. 1212
- Commissaryman 3 & 2. 1276
- The video cassette, October 72. 1301
- The components of communication. 1311
- Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1330
- You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
- The ABC'S of frying...A profit primer: breeding and better mixes: why throw away frying fats: in frying, system is everything: frying equipment. 1373
- Efficiency escalation in school lunch programs. 1418
- Kansas State develops dry mix for yeast bread. 1455
- Elements of food production and baking. 1456

- Kids are eating "airline" lunches. 1457
- Satellite suggestions from Laredo. 1507
- Biscuit manufacture. 1544
- Advances in food service equipment. 1548
- The air conditioning story: part 5. 1549
- Around the menu with gas-fired tilting braising pans. 1554
- Automated materials handling, labor-saving equipment, and services of food service contractors are in school food service picture. 1555
- Kitchen standards for the Board of Education of Baltimore County. 1556
- The best investment we've ever made. 1557
- The case for the electric steam generators. 1561
- The case of drop-ins vs. free-standing food service equipment. 1562
- Cold beverage systems. 1564
- Control of use of space and equipment. 1565
- A directory of systems availability. 1569
- Equipment census: 1973 institutions/VFM report on eqe, type and status of food-service equipment. 1572
- Facilities for development: Elliot plant dedicated to snack food research. 1574
- Forty new wares for school feeding. 1576
- Hot beverage systems. 1581
- How to get better service from your gas range. 1586
- The implementation of a simplified instant food service system. 1592
- The preparation kitchen. 1594
- Is your kitchen obsolete? 1601
- Is your kitchen obsolete? 1602
- Food service planning. 1606
- How to select and care for serveware, textiles, cleaning compounds. 1607
- Miscellaneous small equipment (Film loop). 1610
- New models 1971 - coffee brewers, serving equipment, toasters. 1640
- New models 1971 - fry kettles & filters. 1641
- Instructor's guide for presenting equipment use and care. 1643
- Facilities guide. 1644
- Now the trend is to waste conductors. 1645
- Our evolving technology. 1647
- Science fundamentals: a background for household equipment. 1648
- Household equipment. 1649
- A professional's tour guide: 310 gas's Foodservice. 1652
- Profile plan of a food service operating system for the 70's: part 3. 1653
- Put it on 'wheels' for convenience and flexibility. 1654
- Reconstituting ovens: for foods at the top of the "raw-to-ready" scale. 1656
- Role of a unique product safety testing organization. 1658
- Second-generation reconstitution systems. 1661
- Single service ware and today's consumer. 1665
- Six solutions to ware handling. 1668
- Size up the modern electric griddles. 1669
- A systems approach to warewashing equipment. 1673
- Systems solution for the 73's: part 1. 1674
- Systems support with key processing equipment. 1675
- Equipment guide for preschool and school age child service institutions. 1679
- The use & abuse of equipment. 1680
- Planning the school food service facilities. 1681
- What is the best seating for lunchrooms? 1684
- What makes kitchens work right? 1685
- The complete book of cooking equipment. 1687
- The 3C's of atmosphere, II. 1688
- The 3C's of atmosphere, I. 1689
- 1972 school food service showcase. 1692
- Dirty dirt---our mortal enemy. 1707
- Food sanitation: study course. 1728
- Kitchen safety: Preventing machine

- Injuries (film strip). 1739
 Kitchen safety: Preventing machine injuries (motion picture). 1740
 Plant sanitation: how to squeeze the most from trash compactors. 1757
 A practical primer on essential sanitation concepts. 1759
 Cryogenic freezing comes of age. 1815
 Sun-systems 3 & 4: a stabilized systems approach to fabrication & pre-preparation. 1941
 Satelliting in the suburbs. 2051
 Food for Peace around the world. 2080
 The Guide to convenience foods. 2143
 Handbook of household equipment terminology. 2200
 The IFMA encyclopedia of the foodservice industry. 2243
 Conversion factors and technical data for the food industry. 2259
 Changes in purchasing, storage, delivery and utilization practices and procedures. (A panel presentation) Part I - Food. 2303
 Market category: school lunch programs. 2319
 Receiving practices in food service establishments. 2326
 Guide for warehousing. 2351
- EQUIPMENT STANDARDS**
 Commercial gas fired and electrically heated hot water generating equipment. 1614
 Commercial powered food preparation equipment. 1615
 Automatic ice making equipment. 1616
 Manual food and beverage dispensing equipment. 1617
 Commercial bulk milk dispensing equipment and accessories. 1618
 Vending machines for food and beverages. 1619
 Detergent and chemical feeders for commercial spray type dishwashing machines. 1621
 Commercial cooking equipment exhaust systems. 1622
 Laminated plastics for surfacing food service equipment. 1623
 Dinnerware. 1624
 Air curtains for entrances in food establishments. 1625
 Special equipment and/or devices. 1626
 Food service equipment and accessories. 1627
 Dispensing freezers including recommendations for installation. 1628
 Commercial cooking and hot food storage equipment. 1629
 Commercial spray-type dishwashing machines. 1630
 Soda fountain and luncheonette equipment. 1631
 Food service refrigerators and food service storage freezers. 1632
- EQUIPMENT STORAGE**
 All about cookware (filmstrip). 1551
 Equipment census 1973 Institutions/VFM report on size, type and status of food-service equipment. 1572
 Household equipment. 1549
 The use & loss of equipment. 1580
- EQUIPMENT, SERVING**
 School lunch rooms. 1639
- EQUIVALENCY TESTS**
 State department of education policies. 754
 College accreditation policies for nontraditional education. 755
 Handbook for official JED Centers. 756
 Opportunities for educational and vocational advancement. 1016
 A guide to the evaluation of educational experiences in the armed services. 1017
 Granting credit for service school training. 1018
 Examiner's manual for the tests of general educational development. 1019
 The non-high-school-graduate adult in college and his success as predicted by the tests of general educational development. 1079
 What schools are doing. 2099
 Official JED Centers. 2196
 The New York Times guide to continuing education in America. 2274
- ESKIMO**
 When the Eskimo comes to town. 603
- ETHNIC FOODS**
 Tables of food composition: scope and needed research. 510
 Nutritional awareness instruction series for classroom use. 1088
- ETIOLOGY**
 Lactose intolerance. 275
- ETIQUETTE**
 Lunch-room etiquette (motion picture). 1152
- EUROPE**
 The ecology of malnutrition in Central and Southwestern Europe. 297
 The ecology of malnutrition in five countries of Eastern and Central Europe. 298
- EVALUATION**
 Accuracy of 24-hr. recalls of young children. 49
 Food science. 112
 Teaching nutrition. 168
 Food and nutrition education in the primary school. 187
 Predicting application of nutrition education. 451
 Review of food grouping systems in nutrition education. 474
 Nutrition education research project - report of phase I. 532
 An evaluation of research in the United States on human nutrition. 536
 Meat evaluation handbook. 698
 College accreditation policies for nontraditional education. 755
 Guide to foodservice management. 776
 Management of food service. 820
 Development of evaluative procedures for assessing operational efficiency of school food services. 847
 Industry-wide response to the "raw-to-ready" scale. 863
 Appraising managers as manager. 873
 Profitable food service management thru performance appraisals. 899
 Profitable food service management thru job evaluation. 904
 Patrons speak out on menu presentations. 918
 A survey instrument for the evaluation of the economic efficiency of school food services. 952
 Opportunities for educational and vocational advancement. 1016
 A guide to the evaluation of educational experiences in the armed services. 1017
 Granting credit for service school training. 1018
 Improvement of personnel through testing, interviewing, orienting, training and evaluating - part 2. 1024
 School lunch worker other than director or supervisor. 1025
 Subjective evaluation of an experimental training program for food service personnel. 1037
 Effects of an experimental training program for food service personnel. 1041
 A preliminary investigation of the effectiveness of pre-armed instruction in teaching sanitation to non-professional food service employees. 1048
 Criteria for the selection of records, filmstrips and films for young children. 1065
 Selected attitudes of food service personnel participating in two methods of training. 1072
 The non-high-school-graduate adult in college and his success as predicted by the tests of general educational development. 1079
 Toward better teaching of home economics. 1093
 Food information of homemakers and 4-H youths. 1096
 Food quality evaluation--no learning technique. 1097
 Human relations training - new value from a modified technique. 1121
 Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
 Bases for vocational education for food service industry employees. 1134
 Analysis of tests used to evaluate a training program for food service personnel. 1141
 Development of an instrument to evaluate the effect of a school lunch training program. 1144
 Retention of learning two years after an experimental training program for food service personnel. 1159
 A study of the educational aspects of the School Lunch Program in South Carolina. 1166
 Some aspects of an experimental training program for food service personnel. 1182
 Training guide. 1189
 An old standby that still works. 1204
 A partnership in evaluation - a case study in evaluation of a managerial training program. 1211
 Procedure for developing, submitting and evaluating individual projects. 1216
 Programmed instruction in basic nutrition for college students. 1218
 Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
 Seminar evaluation. 1232
 Seminar evaluation plan 121 Reference list 131 Seminar participants. 1233
 A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patients for use in schools of nursing. 1235
 Teaching successfully in industrial education. 1240
 A critical evaluation of in-service training for classified employees in selected educational organizations in the United States. 1246
 A reference guide for evaluation of school lunch training. 1247
 Subjective evaluation of an experimental training program for food service personnel. 1250
 Training surveys surveyed. 1271
 The development and evaluation of eight units of programmed instruction designed to teach basic nutrition. 1306
 The case of drop-ins vs. free-standing food service equipment. 1562
 Special equipment and/or devices. 1626
 The turned on table tea. 1677
 Evaluating the safety of food chemicals. 1886
 An evaluation of the protein quality of a textured soybean product. 1961
 A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1988
 ENEP evaluated. 1991
 Evaluation of USDA food programs. 1995
 Standards and progress in day care center programs. 2065
 Stinging attack blasts school lunch programs. 2067
 Guides for writing and evaluating quantity recipes for Tyoe A school lunches. 2175
 Good references on day care. 2281
 Effect of packaging on quality of dehydrated potato granules during storage. 2317
- EVAPORATED FOODS**
 Un-targeted action for health (filmstrip). 442
- EXERCISE**
 Effect of diet and/or exercise on obese college women. 160
 Exercise, dietary intake, and body composition. 170
- EXPENDITURES**
 Percent of income spent for food: estimates from national income and household survey data. 32
 An evaluation of research in the United States on human nutrition. 550
 Are your menu prices high enough? 760
 Education in the seventies. 2292
- EXPERIMENTS**
 Food science and how it began. 334
 The great vitamin mystery. 337
 Search and research. 342
- EXTENSION AGENTS**
 New (trivial) twist to an old game. 361
 Food and nutrition: a problem-centered approach. 1277
- EXTENSION EDUCATION**
 Food retailers help teach food buying. 21
 Food. 406
 Shopping practices of low-income groups for convenience foods. 491

FACILITIES PLANNING AND LAYOUT

Survey of nutrition knowledge as a part of nutrition education. 507
 Science in food and nutrition. 556
 Food for thrifty families. 558
 Food information for housewives and 4-H youths. 1096
 Food and nutrition: a problem-oriented approach. 1277
 Food preparation. 1278
 Key nutrients. 1279
 Food buying. 1280
 Food and nutrition. 1281
 Meal planning. 1282
 Food needs of family members. 1283
 Keep clean, stay well (Motion picture). 1729
 Safe food (Motion picture). 1763
 Safe food (Motion picture). 1764
 ENP evaluated. 1991

FACILITIES PLANNING AND LAYOUT
 Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
 Yorktown students don't jump for junk. 616
 Food service manual for health care institutions. 757
 Work improvement. 759
 Guide to foodservice management. 776
 Control patterns for the cooking battery. 791
 Expanding the conventional school food service program. 811
 Food service management. 824
 Food service systems achievement at Pittsburgh national building. 825
 How to apply systems analysis to your preparation/processing sub-system. 853
 Management aspects of school lunch programs in Iowa. 865
 Planning and operating a successful food service operation. 868
 The new convenience foods program concept (Illustration/Record). 906
 Management function of a centralized school food service system. 959
 How to manage a restaurant or institutional food service. 959
 Food service in industry and institutions. 970
 Utilizing outside contractors to expand school food service operations. 991
 School and institutional lunchroom management. 995
 Food service in institutions. 997
 Guidelines for hospitality education in junior colleges. 1015
 Manual for the education of the food service supervisor, part one of two-part series. 1020
 A casebook on administration and supervision in industrial-technical education. 1040
 Developing a hospitality program in high schools. 1053
 Food preparation specialist. 1133
 Food service management. 1164
 Oklahoma school lunch handbook. 1200
 Management I. 1201
 Curriculum guide for food service instructional programs in Pennsylvania. 1212
 Food processing technology. 1291
 Instructional television facilities. 1314
 Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1330
 You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
 Air fare: a complete convenience system. 1375
 Understanding baking. 1379
 Anatomy of a satellite system: Wauwatosa Lunch Program. 1381
 Efficiency escalation in school lunch programs. 1418
 Establishing central school lunch kitchens in urban areas. 1527
 Basic course in emergency mass feeding. 1528
 Special topics: II: country/Colonial themes. 1545
 The air conditioning story: part 5. 1549
 Kitchen standards for the Board of Education of Baltimore County. 1555
 A directory of systems capability. 1569
 Equipment census: 1973 institutions/VFM report on age, type and status of food-

service equipment. 1572
 Essential sub-systems 51 preparation processing - part 1. 1573
 Facilities for development: pilot plant dedicated to snack food research. 1574
 Cooking the modern way with stainless steel steam-jacketed kettles. 1580
 The implementation of a simplified inplant food service system. 1592
 The preparation kitchen. 1594
 The nautical way. 1595
 It's multipurpose!. 1604
 Food service planning. 1606
 Principles of kitchen layout planning for food service establishments. 1608
 Model kitchen at Waussaukee. 1611
 Commercial gas fired and electrically heated hot water generating equipment. 1614
 Commercial powered food preparation equipment. 1615
 Automatic ice making equipment. 1616
 Manual food and beverage dispensing equipment. 1617
 Commercial bulk milk dispensing equipment and apportionances. 1618
 Pot, pan and utensil commercial spray type washing machines. 1620
 Detergent and chemical feeders for commercial spray type dishwashing machines. 1621
 Commercial cooking equipment exhaust systems. 1622
 Laminated plastics for surfacing food service equipment. 1623
 Air curtains for entranceways in food establishments. 1625
 Special equipment and/or devices. 1626
 Food service equipment and apportionances. 1627
 Dispensing freezers including recommendations for installation. 1628
 Commercial cooking and hot food storage equipment. 1629
 Commercial spray-type dishwashing machines. 1630
 Soda fountain and luncheonette equipment. 1631
 Food service refrigerators and food service storage freezers. 1632
 A new concept in compact: all-electric mini facility. 1633
 School lunch rooms. 1639
 Facilities guide. 1644
 One kitchen serves two schools. 1646
 Our evolving technology. 1647
 Preparation-processing - part 2. 1651
 Profile plan of a food service operating system for the 70's: part 3. 1653
 Put it on 'wheels' for convenience and flexibility. 1654
 Role of a unique product safety testing organization. 1658
 School building design meets educational philosophy in Boyertown. 1660
 A simplified systems approach to multi-unit design. 1663
 Six solutions to ware handling. 1668
 Sub-system 2: the status of storage. 1672
 Layout, equipment, and work methods for school lunch kitchens and serving lines. 1678
 Equipment guide for preschool and school age child service institutions. 1679
 Planning the school food service facilities. 1681
 The 3C's of atmosphere. II. 1688
 The 3C's of atmosphere. I. 1689
 The youth market pays to do its thing. 1691
 The Kitchen (Film loop). 1731
 School systems implementation: Texas style. 2059
 A simplified school lunch system. 2060
 Food for Peace around the world. 2080
 Wauwatosa Public Schools Lunch Program: a satellite system. 2098
 Standards for school media programs. 2201
 Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2279
 Good references on day care. 2281
 Guide for warehousing. 2351
 Food storage guide for schools and institutions. 2354
 Storage specifics. 2362

FACILITY REQUIREMENTS

Air curtains for entranceways in food establishments. 1625
 Profile plan of a food service operating system for the 70's: part 3. 1653
 Choosing from alternatives in expanding storage space for frozen food. 2304
FALLS (ACCIDENTAL)
 Kitchen safety: Preventing falls (Motion Picture). 1737
FAMILY (SOCIOLOGICAL UNIT)
 You can help fight hunger in America. 2089
FAMILY FOOD DONATION PROGRAMS
 You too can start a food program. 2105
FAO/WHO
 Dietary allowances - an international point of view. 145
FAT MODIFICATIONS
 Basic nutrition and diet therapy. 476
 Defatted germ flour - food ingredient from corn. 1820
FAT-SOLUBLE VITAMINS
 Nutrition. 111
FATS AND OILS
 Beef cooking rates and losses - effect on fat content. 84
 Carbohydrates and fats (Film loop). 109
 Cholesterol, fat, and protein in dairy products. 117
 Degradation of linoleic acid during potato frying. 136
 Fat metabolism in children - Influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 176
 Food science: a chemical approach. 213
 Your diet: health is in the balance. 403
 Teenagers and food: their eating habits. 517
 Thiamin and riboflavin in cooked and frozen, reheated turkey - 9as vs. microwave ovens. 523
 Effect of fat content in cheddar, colby, and swiss cheeses on consumer preference. 803
 Food service for the Army and Air Force. 973
 The ABC'S of frying...A profit primer; breeding and batter mixes; why throw away frying fats; in frying, system is everything; frying equipment. 1373
 Care and use tips for frying fats. 1396
 Food study manual. 1398
 Deep fat frying (Motion picture). 1413
CARE strikes back at world's malnutrition. 1979
 Synthetic food. 2242
 Shopping for shortening. 2346
FATTY ACIDS
 Cholesterol content of foods. 116
 Fatty acids in foods served in a university food service. 178
 Fatty acids in newer brands of margarine. 179
 Fatty acids, cholesterol, and proximate analyses of some ready-to-eat foods. 180
 Serum cholesterol from pre-adolescence through young adulthood. 490
 Vitamin E as a biological antioxidant. 580
 Composition of foods. 2280
FEDERAL AID
 Federal aid, current status. 1999
FEDERAL GOVERNMENT
 This is USDA'S Consumer & Marketing Service. 37
 Guide to federal consumer services. 41
 White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
 White House conference on food, nutrition and health: Final report. 606
 The Patent Office. 639
 The development of a national nutrition policy. 680
 The case against hunger. 690
 H.R. 9098 - a bill to extend and amend certain provisions of the Child Nutrition Act and of the National School Lunch Act. 722
 Public Law 91-248, 91st Congress, H.R. 515. 723
 H.R. 7934 - a bill to extend and amend the Child Nutrition Act of 1966. 724
 Children's food service programs - conference report. 726
 Hearings, Ninety-second Congress, first session, on nutrition and human needs.

- 727
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 728
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
School food service: twelve trends you should track. 945
Computer assisted instruction: a government viewpoint. 1055
Community action: adult education. 1287
Community action: the nonprofessional in the educational system. 1298
ENEP evaluated. 1991
I. Nutrition progress of ICNE member agencies. 2012
The man in charge - the government nutrition program. 2026
Educational opportunity bank. 2044
Federal Interagency day care requirements. 2088
Community action: health programs. 2093
Community action for employment: manpower development. 2094
Profiles in quality education. 2095
White House Conference on Aging - report of the Nutrition Section. 2101
Federal library resources. 2205
Research resources: volume 2. 2247
Manpower report of the President. 2284
- FEDERAL PROGRAMS**
The American and his food. 633
Challenge to the sealer. 676
Centralized food service systems-A review. 772
Management needs better understanding of food service potentials in planning and using efficient food service facilities. 582
New developments in school food service. 907
Planning short and long range objectives for the future of the school food services. 921
Learning for earnings: new opportunities for paycheck education. 1295
Project on foods and nutrition services in the Public Schools (in North Carolina). 2048
Head Start: A child development program. 2085
Parent involvement. 2086
Federal funds for daycare projects. 2087
Child nutrition programs. 2090
- FEMALES**
Basal metabolic rate of women - an appraisal. 76
Effect of diet and/or exercise on obese college women. 150
Basic data on metabolic patterns in 7- to 16-year-old girls in selected Southern states. 533
Utilization of inorganic elements by young women eating iron-fortified foods. 576
- FERTILIZERS**
Responsibility of dietitians for providing information about food: its wholesomeness and nutritional value. 473
- FIELD STUDIES**
Malnutrition, learning, and behavior. 289
ENEP evaluated. 1991
- FIELD TRIPS**
Nutrition education for young children. 553
- FILM STUDY**
Film and the media (revolution). 1089
- FINANCE**
Are prepaid lunches the answer? 759
Centralized food service systems-A review. 772
Cost of finances in centralized food service systems. 796
Managerial accounting for the hospitality services industries. 818
The house and the astronaut. 894
The numbers game: uses and abuses of managerial statistics. 934
A survey instrument for the evaluation of the economic-efficiency of school food services. 952
Private school lunch. 984
School food service financial management seminar for uniform accounting. 985
Essentials of managerial finance. 998
Texas Mavericks reject federal subsidies. 2076
- Food service in private elementary and secondary schools. 2082
Food service in public schools. 2083
Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2279
- FINANCIAL SUPPORT**
Changes in the law and new legislation--what it means. 677
H.R. 3098 - a bill to extend and amend certain provisions of the Child Nutrition Act end of the National School Lunch Act. 722
H.R. 7934 - a bill to extend and amend the Child Nutrition Act of 1966. 724
Children's food service programs - conference report. 726
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 727
Colorado school lunch handbook. 778
Guidelines for hospitality education in junior colleges. 1015
Developing a hospitality program in high schools. 1063
Community action: adult education. 1287
Community action: the nonprofessional in the educational system. 1288
Learning for earnings: new opportunities for paycheck education. 1295
Their daily bread. 1984
Feeding America's children at school. 2001
If we had ham, we could have had end eggs - if we had eggs. 2005
Not all governments support school lunch. 2031
Educational opportunity bank. 2044
School lunch looks to the future. 2057
Stinging attack blasts school lunch programs. 2067
Federal funds for daycare projects. 2087
Media units grow into service centers. 2248
- FIRE EXTINCTION**
Kitchen safety: Preventing fires (Film Loop). 1738
- FIRE PREVENTION**
The angry flame: a fire protection message (Filmstrip/Record). 1695
Hospital Kitchen safety (Film Loop). 1722
Keeping your cool (Film Loop). 1730
Kitchen safety: Preventing fires (Film Loop). 1738
- FISH**
Advances in food research: volume 18. 51
Food pharmacology. 480
A 24-hour method for the detection of coagulase-positive staphylococci in fish & shrimp. 621
But what are they doing so many? An ancient food for a modern need. 629
Gellus finds broad acceptance for international seafood specialties. 835
Better school lunches in Oklahoma. 1351
Put fish and seafood on the school menu. 1356
Try new fish varieties on your menu. 1363
Quantity food preparation: a course for school food service. 1392
Fish (Film Loop). 1423
Fish and shellfish preparation (Film Loop). 1424
How to make a better fish sandwich. 1449
How to prepare and breed fish and seafood. 1450
Fish & seafood: where convenience spans the continents. 1848
Fish protein concentrate enrichment of noodles. 1849
Salmon. 1930
Fish-Fondue/Nautilus culinaria. 2128
The art of fish cookery. 2152
New low-cost fish recipes pass child test. 2153
Seafood world. 2165
Let's cook fish. 2174
Purchasing. 2310
Using storage in food service establishments. 2323
How to buy for school lunch. 2334
Organoleptic technique predicts refrigeration shelf life of fish. 2337
- FISH PROTEIN CONCENTRATES (FPC)**
Crackers fortified with fish protein concentrate (FPC): nutritional quality, sensory and physical characteristics. 132
Fish protein concentrate enrichment of noodles. 1849
Textures vegetable protein, fish protein concentrate, and microcrystalline cellulose as extenders in meat loaves. 2335
- FLAVOR**
Advances in food research: volume 18. 51
Sensible nutrition. 488
- FLAVOR INTENSIFIERS**
Positioning creative touch - a new way to flavor foods. 923
Monosodium glutamate: the myth and the matter. 1884
Enzymes in food processing and products. 1972. 1966
- FLAVORINGS**
The chemical constituents of citrus fruits. 272
The berries with bounce. 626
Chocolate: the Aztec's brown gold. 630
Five important flavors and their uses. 636
Puddings and other delicious things. 657
The shady, soucy tomato. 660
Positioning creative touch - a new way to flavor foods. 923
Development aids: diverse product applications identified for unique flavored protein products. 1824
Pease puree: a tropical flavor ingredient. 1909
Positioning a product for the special market. 1913
Austria. 2111
Flavor secrets from foreign lands: Brazil. 2129
Flavor secrets from foreign lands: Holland. 2131
Flavor secrets from foreign lands: Jamaica. 2132
Flavor secrets from foreign lands: North Italy. 2133
Flavor secrets from foreign lands: Poland. 2134
Flavor secrets from foreign lands: Sweden. 2137
Synthetic food. 2342
- FLORIDA**
Action on teenage nutrition. 50
Educators' attitudes toward nutrition education in Florida. 1080
Florida's expanded nutrition program. 2002
- FLOUR**
The dietary iron controversy. 148
The experts debate: the added enrichment of bread and flour with iron. 172
The heart of the matter - a matter of opinion. 233
Iron absorption by adults fed mixtures of rice, milk, and wheat flour. 261
Round-table discussion. 479
Defatted germ flour - food ingredient from corn. 1820
- FLOWER, FRUIT VEGETABLES**
New to the convenience roster: canned crushed tomato. 1893
Toward better tomatoes. 2358
- FOIL WRAPPINGS**
New dimensions in aluminum disposables. 1634
- FOLACIN**
Folacin in wheat and selected foods. 186
- FOOD ADDITIVES**
Attitudes toward the ben on cyclamates. 1
Communicating with the consumer: basic research on nutrition and safety. 4
Eliminating warmed-over flavor in pre-cooked food. 166
Man, health, and environment. 230
The organic foods movement. 444
The chemical analysis of foods. 447
Food pharmacology. 480
Nutrition education--1972 hearings, Ninety-Second Congress, second session. 549
Nutrition education in the school food service: challenge, change, and commitment. 592
The berries with bounce. 626
Chocolate: the Aztec's brown gold. 630
Five important flavors and their uses.

FOOD ADULTERANTS

- 636
The shady, saucy tourist. 660
Confusing laws complicate marketing picture for new products. 679
Legal requirements for food safety. 696
What useful purpose is served by quantitative ingredient labeling? 745
Continuing education in nutrition-1970. 1071
Food additives. 1711
Allura red - new food color offers greater brilliance and stability. 1791
The chemicals we eat. 1796
Better heat shock resistance and extrudability in ice creams with microcrystalline cellulose. 1798
The current status of saccharin. 1817
A manufacturer looks at food safety. 1875
Food pollution. 1876
Monosodium glutamate: the myth and the matter. 1884
Evaluating the safety of food chemicals. 1936
Nitrites and nitrates in food. 1895
Roselle - a natural red colorant for foods? 1929
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1954
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955
Practical food microbiology and technology. 1962
Food values of portions commonly used. 2216
- FOOD ADULTERANTS**
A manufacturer looks at food safety. 1875
- FOOD ANALYSIS**
Communicating with the consumer: basic research on nutrition and safety. 4
Communicating with the consumer: natural and synthetic nutrients. 5
Assaying the availability of iron - techniques, interrelations, and usefulness of the data. 70
Beef cooking rates and losses - effect on fat content. 34
Cholesterol content of foods. 116
Cholesterol, fat, and protein in dairy products. 117
Effect of microwave heating on vitamin B6 retention in chicken. 161
Effect of storage and other variables on composition of frozen broccoli. 162
Effects of microwave on food and related materials. 165
Exercise, dietary intake, and body composition. 170
Fatty acids in foods served in a university food service. 179
Fatty acids, cholesterol, and proximate analysis of some ready-to-eat foods. 180
Folic acid in wheat and selected foods. 186
Functional properties of carbohydrates. 218
Modern food analysis. 232
Food science & technology, volume III. 258
Iron absorption by adults fed mixtures of rice, milk, and wheat flour. 261
Iron content of some Mexican-American foods - effect of cooking in iron, glass, or aluminum utensils. 262
The chemical constituents of citrus fruits. 272
Laboratory handbook of methods of food analysis. 277
Linear prearranging controls and acid balance in food nutrition. 280
Lipid components of type A school lunches. 281
Major mineral elements in Type A school lunches. 285
Measuring the color of foods. 303
Metabolic effects of meal frequency on normal young men. 304
Microbiology of frozen freeze-type plus, frozen cooked--beefed shrimp and dry food--jelly gelatin. 305
Nutrients in university food service meals - I. Data determined by food inventory. 375
Nutrients in university food service

- meals - II. Data from meals selected by students. 376
Nutritional value of turkey protein - effects of heating and supplementary value for poor proteins. 429
Nutritive analysis of frozen fully cooked institutional foods. 430
Nutritive content of the usual diets of eighty-two men. 431
Observations: let's look beyond nutrition to identify proteins. 436
The chemical analysis of foods. 447
Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
Time-temperature and time-weight losses in veal roasts. 526
Tocopherols and fatty acids in American diets - the recommended allowance for vitamin E. 527
Utilizable protein: quality and quantity concepts in assessing food. 575
Food in antiquity. 628
The big debate: should FF be fortified? 672
Legal developments: FDA releases labeling regulations. 695
Models for control of nutritive content of menus planned by computer. 1346
Isolation free mixed culture (Metion picture). 1725
Mouse toxin-neutralization test (Metion picture). 1748
Advantages of one caretaker in coloring non-standardized dressings and spreads. 1790
Assay of sodium ion content of frozen convenience foods. 1794
Automated determination of protein-nitrogen in foods. 1795
Burger-type products from textured skim milk curd. 1799
Clouding agents for the food industry. 1805
Current saccharin actions place added stress on need for a non-nutritive sweetener. 1816
Dry soups, soup mixes reap benefits of new ingredient: low moisture apple solids. 1831
Effects of some new production and processing methods on nutritive values. 1837
Kubelka-Munk colorant layer concept. 1873
Lipases and flavor development in some Italian cheese varieties. 1874
The measurement of meat color. 1877
Protein concentrates and cellulose as additives in meat loaves. 1922
Roselle - a natural red colorant for foods? 1929
Salmon. 1930
Some applications of enzymes of microbial origin to foods and beverages. 1935
Stability of gravies to freezing. 1940
The technical microbiological problems in intermediate moisture products. 1947
An evaluation of the protein quality of a textured soybean product. 1961
Nutritive values of foods distributed under USDA food assistance programs. 2256
A select bibliography and library guide to the literature of food science. 2262
Storage of fresh broccoli and green beans - effect on ascorbic acid, sugars, and total acids. 2347
- FOOD AND DRUG ADMINISTRATION**
Communicating with the consumer: safety of food supply. 7
New regulations on "cents-off" promotions. 28
The dietary iron controversy. 148
The heart of the matter - a matter of opinion. 233
Observations: let's look beyond nutrition to identify proteins. 436
Of iron oats and pans. 437
The big debate: should FF be fortified? 672
A commentary on the new F.D.A. nutritional labeling regulations. 678
Evaporize product identity on labels. 681
FDA seeks simple, fast microbiological controls. 682
FDA's quality assurance programs--tools for compliance. 683

- Feed labeling regulations. 685
The government's role in quality assurance. 689
Legal developments: FDA releases labeling regulations. 695
Nutrition labeling: more information to help the consumer select foods. 702
Nutritional guidelines - the how, the why, and the when. 704
Nutritional guidelines and labeling. 705
Nutritional guidelines and the labeling of foods. 706
Observations: industry comments on nutritional labeling. 709
Observations: nutritional labeling, however imperfect, is here. 710
Standards, labeling, education to improve the diet. 720
Food industry and FDA face food threat. 823
The relationship of Federal agencies to food science programs at the universities. 1226
Food pollution. 1876
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1956
11. Consumer specialists of the Food and Drug Administration. 2239
- FOOD BELIEFS**
The allure of food cults and nutrition quackery. 57
Animal Protein--keystone of foods. 65
The great nutrition puzzle. 103
Olet healing: a case study in the sociology of health. 142
Fact and fancy in nutrition and food science - chemical residues in foods. 175
Food beliefs affect nutritional status of Malay fishermen. 192
Food faddism. 195
Symposium papers on food and health. 367
Nutrition-related health practices and opinions. 417
Socio-cultural basis of food habits. 492
Some thoughts on food and cancer. 497
Survey of nutrition knowledge as a part of nutrition education. 507
Gain menu prestige with pork. 1333
The chemicals we eat. 1796
Food habits: a selected annotated bibliography. 2229
- FOOD CHEMISTRY**
Degradation of linoleic acid during potato frying. 136
Food science: a chemical approach. 213
The chemical constituents of citrus fruits. 272
Let's take milk apart. 350
Taking milk apart. 351
Symposium papers on food and health. 367
The chemical analysis of foods. 447
Protein quality and PER: concepts important to future foods. 459
Food pharmacology. 480
Modern dairy products. 640
The science of meat and meat products. 656
A guide to the selection, combination and cooking of foods? 1500
The chemicals we eat. 1796
The chemistry of meat color. 1804
Evaluating the safety of food chemicals. 1886
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955
- FOOD CLASSIFICATION**
How to buy poultry. 40
Nutritive labeling. 708
Standard food portions (film loop). 1514
- FOOD COMPOSITION**
Food science. 112
Effect of storage and other variables on composition of frozen broccoli. 162
Effects of microwave on food and related materials. 165
Fatty acids in newer brands of margarine. 179
Food facts and fads. 194
Modern food analysis. 232
Food science & technology, volume III. 258

- The chemical constituents of citrus fruits. 272
Newer knowledge of milk. 349
Let's take milk apart. 350
Taking milk apart. 351
Food science. 362
Observations: let's look beyond nutrition to identify proteins. 436
The chemical analysis of foods. 447
Perspective on vitamins. 448
Fats and food. 465
Utilizable proteins: quality and quantity concerns in assessing food. 575
Vitamins and the growing body. 581
What is soy protein? 598
Ice cream. 625
Modern dairy products. 640
Frozen dinner nutritional contents equated with government guidelines. 687
What useful purpose is served by quantitative ingredient labeling? 745
Effect of fat content in cheddar, colby, and Swiss cheeses on consumer preference. 808
Canned puddings: key cost control and profit aspects. 1394
What is the future of textured protein products? 1540
Cereal grains as dietary protein sources. 1831
Cladding agents for the food industry. 1835
The technical microbiological problems in intermediate moisture products. 1947
Nutritive value of fruits and vegetables. 2253
Textured vegetable proteins, fish protein concentrates, and microcrystalline cellulose as extenders in meat loaves. 2335
Food purchasing guide for group feeding. 2352
When you advertise: fresh fruits and vegetables. 2357
- FOOD COMPOSITION (A.P.)**
The case for ingredient disclosures. 3
Nutrition education--1972 hearings, Ninety-Second Congress, second session. 549
Nutrition notes: the nutrient labeling dilemma. 703
Observations: nutritional labeling, however imperfect, is here. 710
Standards, labeling, education to improve the diet. 723
National Data Center for Food Composition. 2251
- FOOD COMPOSITION (E.P.)**
The doggone truth about hot dogs. 153
Kraut's winning ways. 2151
- FOOD COMPOSITION TABLES**
Your heart has nine lives. 95
Composition and nutritive value of dairy foods. 123
Es to determine nutrient content of a type "A" lunch. 169
Tables of food composition: scope and needed research. 510
Nutritive value of foods. 535
Amino acid content of foods. 539
Pantothenic acid, vitamin B6, and vitamin B12 in foods. 543
Food selection and service (Transparencies). 1131
Food yields summarized by different stages of preparation. 1524
Vegetarian cookery 3. 2113
Vegetarian cookery 1. 2114
Vegetarian cookery 4. 2115
Vegetarian cookery 2. 2116
Vegetarian cookery 5. 2206
Tables of food values. 2209
Food values of portions commonly used. 2215
Commercially prepared strained and junior foods for infants. 2219
Food composition table for use in Africa. 2227
Food composition: Tables for use in the Middle East. 2253
Food values and calorie charts. 2271
Tables of food composition: Availability, uses, and limitations. 2272
Selected list of reliable nutrition books (revised 1970). 2277
Composition of foods. 2280
- FOOD CONSUMPTION**
Animal protein--systems of foods. 65
Dietary levels for tri-city elementary school children. 81
Enrichment and fortification of foods, 1966-70. 167
The expanded food and nutrition education program. 171
Nutrition, behavior, and change. 225
Milk drinking by the lactose intolerant - comparison of Caucasian and Oriental adults. 307
Nutritional review. 424
Seasonal variations in U.S. diets. 483
The status of nutrition in the United States. 502
Nutritional knowledge and consumer use of dairy products in urban areas of the South. 518
Dietary levels of households in the United States, spring 1965. 545
World food and population problems: Some possible solutions. 669
Acceptability of low-fat milk by school children. 750
FF per capita consumption hits 72.9 lbs. a year. 815
U.S. families still preserve food at home. 1529
Possible developments in the supply and utilization of food in the next fifty years. 1914
The Federal School Lunch and Special Milk Program in Tennessee. 2075
Food use by the foodservice industry. 2230
Nutritional review. 2255
- FOOD CONTAMINANTS**
Fulfilling the scientific community's responsibility for nutrition and food safety. 217
Encyclopedie moderne de l'hygiene alimentaire. 276
The chemical analysis of foods. 447
Food pharmacology. 480
Preventing food spoilage (Film loop). 1495
Food sanitation: study course. 1728
Quantity food sanitation. 1741
Quantity food sanitation. 1743
Sanitation in the kitchen (Transparencies). 1749
Food-borne illness. 1784
The chemicals we eat. 1796
Toward the new. 2353
- FOOD COST ANALYSIS**
The cost of meats and meat alternates. 12
The cost of milk and milk products as sources of calcium. 13
Food for groups of young children cared for during the day. 546
Are your menu prices high enough? 760
Management procedures and records. 767
Colorado school lunch handbook. 778
Computers in a dietary study - methodology of a longitudinal growth research project. 786
Food costs and the 40 thieves. 821
Baker boy annual: a guidebook for your retail operation. 862
A guide to nutrition and food service for nursing homes and homes for the aged. 986
School food service management. 1132
Commercial foods. 1175
How to purchase for school lunch. 1176
How to purchase for school lunch. 1177
Guide for training school lunch personnel. 1181
Food procurement for school food service. 1185
Oklahoma school lunch handbook: 1200
Management 1. 1201
Training the food service worker (Kit). 1272
Nutrition at a price: Economics of menu planning. 1350
Better school lunches in Oklahoma. 1351
An automated simulation vehicle for school business administration accounting computerized selective school lunch menu planning. 1362
The professional chef. 1411
Quantity food production management. 1476
Testing of products is essential. 1520
Applesauce can be perfect food for vitamin C fortification. 1792
Food fortification: some visible and invisible cost considerations. 1853
Textured proteins can solve the nutrition-dollar dilemma. 1950
Using storage controls to simplify determination of daily food costs. 2321
- Food purchasing: study guide. 2344
- FOOD DATA SOURCES**
Laboratory handbook of methods of food analysis. 277
Will advance testing reduce new product risks? 1000
Practical baking. 1517
- FOOD DELIVERY**
World food and population problems: Some possible solutions. 669
Hospital food handling (Film loop). 1446
Frozen foods in food service establishments. 1461
Food and beverage purchasing. 2318
Revolving practices in food service establishments. 2326
Food storage guide for schools and institutions. 2354
- FOOD DELIVERY SYSTEMS**
Nutritional aspects of engineered foods and delivery systems in school food service. 420
Expanding the conventional school food service program. 811
Industry's struggle with world malnutrition. 864
Organizing centralized school food service systems. 914
Management function of a centralized school food service system. 959
Utilizing outside contractors to expand school food service operations. 991
Akron schools get A for achievement with frozen type A lunches. 1376
Anatomy of a satellite system: Mawatu-usa Lunch Program. 1381
Contract food management: digesting the alternatives. 1401
A survey of factors relating to the prepackaged lunch system in selected school districts. 1412
Frozen pre-plated meals solve problem of feeding underprivileged pupils. 1434
Hot lunches are within easy reach. 1448
Rice ideas for school lunch. 1499
Save for a change: ideas to cut costs. 1508
The school food service production kitchen. 1509
Conveyor system speeds service in central kitchen. 1566
One kitchen serves two schools. 1646
The contractor supplying a school food service package. 1985
Portable meals contribute to nutrition education efforts. 2045
School systems implementation: Texas style. 2059
Input output - the commissary system. 2312
- FOOD DISLIKES**
Food habits of low-income children in northern New York. 201
Taste sensitivity and food aversions of teenagers. 512
Selling Brussels sprouts to students. 1511
- FOOD DISTRIBUTION PROGRAMS**
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 728
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
- FOOD ECONOMICS AND CONSUMPTION**
How Americans use their dairy foods. 27
Percent of income spent for food: estimates from national income and household survey data. 32
Nectarines. 43
Food: proteins for humans. 58
The ecology of malnutrition in Central and Southeastern Europe. 297
The ecology of malnutrition in five countries of Eastern and Central Europe. 298
The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
The ecology of malnutrition in Northern Africa. 300
Nutritional improvement and world health potential. 421
Man and food. 465
Amino acid fortification of protein foods. 482
Food and potential nutritional

FOOD FAOS

level of 1,225 (ncaa families. 519
How the fresh fruit and vegetable ask-
eting systoe contri-buts to continue
nutrition. 570
White House Conference on Food, Nutrit-
ion and Health: report of follow-up
conference. 605
White House conference on food, nutrit-
ion and health: Finalist report. 506
Tea & coffee. 627
The American and his food. 633
Our daily bread. 651
Overcoming world hunger. 652
National School Lunch Program. 665
The case against hunger. 690
Hearings, Ninety-second Congress, first
session, on nutri-tion and human needs.
728
Hearings, Ninety-second Congress, first
session, on nutri-tion and human needs.
729
Hearings, Ninety-second Congress, first
session, on nutri-tion and human needs.
730
Changes in food wholesaling. 773
Comparison of cost structures of food
stores and eating and drinking places.
783
Food use by the foodservice industry.
826
Retail frozen food sales by state. 935
School lunches: a billion-dollar market
for food. 983
Contemporary real engagement. 1343
The \$130 billion food assembly line
(Filmstrip). 1787
The economics of food processing. 1866
Food for tomorrow: resources, environ-
ment, distribution. 1885
Substitute and synthetic foods with
emphasis on soy protein. 1942
Synthetics and substitutes for agricul-
tural products. 1957
Lunch programs in the nation's schools.
2081
Food aid: a selective annotated bibli-
ography on food utilization for economic
development. 2225
The IFMA encyclopedia of the foodser-
vice industry. 2243
World food-population levels. 2785
The market for food in the nation's
schools. 2355

FOOD FAOS

The allure of food cults and nutrition
quackery. 57
Nutrition and physical fitness. 97
Nutrition: a course for school food
service personnel. 101
Diet headlines: a case study in the soci-
ology of health. 142
Diet: the realities of obesity and fad
diets. 144
Introduction to nutrition. 182
Food facts and fads. 194
Food fads. 195
Mulligan stew: The film-film man (Vide-
ocassette). 321
Mulligan stew: The film-film man (Mot-
ion picture). 322
Weight control source book. 339
The new vegetarians: who are they? 366
Nutrition education for the "new" gene-
ration. 394
Nutrition notes: consumer and food
industry equally responsible for poor
nutrition. 417
The organic foods movement. 444
Food and nutrition. 485
Sense and nonsense about health foods.
487
Understanding food. 511
Looking at nutrition 12 ways. 571
The American and his food. 633
Food industry and FDA face food
threat. 823
Selling students. 951
Convenience isn't enough in foods for
the '70's. 1812
Innovation vs nutrition as the crite-
rion for food product development. 1870
Food pollution. 1876
CARE strikes back at world's malnutri-
tion. 1979

FOOD FOR PEACE
Food for Peace around the world. 2080

FOOD GRADES
Meat purchasing (Film loop). 26
This is USDA's Consumer & Marketing
Service. 37
Inspection: labeling, and care of meat
and poultry. 38

Ice cream. 625
Modern dairy products. 640
Meat evaluation handbook. 698
Dairy inspection and grading services.
732
Handbook of food preparation. 1380
Frozen foods in food service estab-
lishments. 1461
Poultry preparation (Film loop). 1491
The beanery. 2300
Quantity food purchasing. 2315
Purchasing eggs for food service estab-
lishments. 2320
Purchasing beef for food service estab-
lishments. 2327
Meat purchasing. 2329
Buying, handling and using fresh veget-
ables. 2332
Buying, handling and using fresh fru-
its. 2333
When you advertise: fresh fruits and
vegetables. 2357

FOOD GROUPS

Budgeting by food groups. 2
The big dinner table (Motion picture).
91
The big dinner table (Videocassette).
92
Cholesterol content of foods. 116
Fatty acids in foods served in a univer-
sity food service. 178
Food guides (Film loop). 200
Mulligan stew: Look inside yourself
(Motion picture). 319
Mulligan stew: Look inside yourself
(videocassette). 320
Mulligan stew: The great nutrition turn
on (Motion picture). 323
Mulligan stew: the great nutrition turn
on (Videocassette). 326
Review of food grouping systems in
nutrition education. 474
What's good to eat (Motion picture).
600
What's good to eat (Videocassette).
601
Nutrition notes: the nutrient labeling
dilemma. 703
Nutritional awareness instruction ser-
ies for classroom use. 1088
Food use by the foodservice industry.
2230

FOOD GUIDES

A balanced diet (Film loop). 73
The beginning of life (Filmstrip). 85
Food becomes you or better health thro-
ugh better nutrition. 279
Nutrition in action. 293
Modification of food habits. 313
A guide to good eating. 354
Choose your calories by the company you
keep. 356
Nutrition and school lunch. 364
Nutrition and school food service,
state of New Mexico. 365
Food for fitness. 537
Calories and weight. 538
Nutrition. 540
Leader's handbook for a nutrition and
food course. 555
Sounds from Capital Hill: more regulat-
ion, more restrictions. 719
Food selection and service (Transparen-
cies). 1101
Vitamins and you (Filmstrip). 1302
Food preparation: study course. 1414
Food guide & recipe book for the Drive
to Serve Program. 2176
Food values of portions commonly used.
2216
Food guides: their development and use.
2228
Meat buyers' guide to standardized meat
cuts. 2331
Quantity guide. 2336

FOOD HABITS

The allure of food cults and nutrition
quackery. 57
An anthropologist views the nutrition
professions. 66
Applying learning theory in teaching
nutrition. 68
The development of three instruments to
assess forces behind food habits and
methods of change. 75
Behavior modification in a self-help
group - a pilot study. 86
Behavior therapy in treating obesity.
87
The big dinner table (Motion picture).
91
The big dinner table (Videocassette).

92
Nutrition: a course for school food
service personnel. 101
Centralized food supplies. 110
Concepts of food habits of "other"
ethnic groups. 125
Puerto Rican foods and traditions. 126
Cultural food patterns and School Food
Service. 133
Diet and atherosclerosis. 139
Dietary habits and food consumption
patterns of teenage families. 146
Dietary intake and physical development
of Phoenix area children. 147
The need for cereal foods of improved
protein value in the United States.
157
Education increases consumption of
vegetables by children. 159
Effects of frequency of eating - part
1. 163
Effects of frequency of eating - part
2. 164
Feeding children. 181
Introduction to nutrition. 182
Food for life (Motion picture). 198
Food for life (Videocassette). 199
Food habits of low-income children in
northern New York. 201
Food habits of migrant farm workers in
California - compares between Mexi-
can-Americans and "Anglos". 202
Food practices and preferences of some
college students. 206
Food, energy and you (Videocassette).
210
Food, energy, and you (Motion picture).
211
Foods for teens: snacks that count
(Show'M Tell). 212
Fruit and vegetable acceptance by stud-
ents - factors in acceptance and perfor-
mance. 216
General factors affecting college foods
food preferences, habits, and intake.
222
Nutrition, behavior, and change. 225
A half century of changing food habits
among Japanese in Hawaii. 231
Help for malnourished children in Latin
America. 235
Nutrition concepts held by seventh and
eight grade pupils in Iowa. 238
How can we solve malnutrition in the
U.S.? 242
Implications of changing food habits
for nutrition educators. 251
Improving nutrition in less developed
areas. 254
The irony of affluence-adult nutrition
problems and programs. 267
Journey into nutrition (Motion pictu-
re). 271
Food becomes you or better health thro-
ugh better nutrition. 279
Man as a patient. 290
Nutrition in action. 293
Food for you. 302
Modification of food habits. 313
Modification of vegetable-eating behav-
ior in preschool children. 314
Mulligan stew: The film-film man (Vide-
ocassette). 321
Mulligan stew: The film-film man (Mot-
ion picture). 322
Feeding little folks. 332
Food science and how it began. 334
Weight control source book. 339
They ask why. 345
What did you have for breakfast this
morning? 347
A source book on food practices: with
emphasis on children and adolescents.
352
National nutrition education confere-
nce. 359
The need for iron fortification. 360
Nutrition and school lunch. 364
Nutrition and school food service,
state of New Mexico. 365
Nutrient intake and weight response of
women on weight-control diets. 374
Nutrition and health-screening services
for the elderly - report of a demon-
stration project. 382
Nutrition education and the Spanish-
speaking American. 390
Nutrition education for mothers of
Filipino preschool children. 393
Nutrition education is behavioral chan-
ge. 396

- Food, science, and society. 431
 Food choices: the teen-age girl. 432
 1969-1970 report. 434
 Nutrition instruction and lunch surveys with second graders. 439
 Nutrition notes: consumer and food industry equally responsible for poor nutrition. 410
 Nutrition to meet the human needs of older Americans. 416
 Nutritional improvement and world health potential. 421
 Nutritional literacy of high school students. 422
 A report of Oklahoma food habits survey. 443
 The organic foods movement. 444
 Physiologic control of food intake. 449
 Predicting specification of nutrition education. 451
 Proper food (Films). 456
 Psychologic implications of the nutritional needs of the elderly. 452
 Puerto Rican food habits: a color slide set (Slides). 455
 Man and food. 465
 The Royal talking, singing, action movie about nutrition (Motion picture). 467
 Malnutrition - its causation and control. 477
 Shopping practices of low-income grocers for convenience foods. 491
 Socio-cultural basis of food habits. 492
 Socio-cultural aspects of food and eating - A social scientist's approach (with group discussions). 493
 Some thoughts on food and cancer. 497
 Innovative approaches to nutrition education and related management processes. 499
 Status and achievements of the expanded food & nutrition education program. 501
 Supplemental proteins: does the U.S. diet really need it? 506
 Sustained behavioral change. 509
 Teen-age food habits - a multidimensional analysis. 514
 Teenagers and food: their eating habits. 517
 Tocopherols and fatty acids in American diets - the recommended allowance for vitamin E. 527
 Nutrition education research project - report of phase I. 532
 Feeding the child with a handicap. 562
 Dietary studies of northern Utah pre-adolescent and adolescent children. 574
 Nutrition education in the school food service: challenges, change, and commitment. 592
 What food means to children. 594
 What influences malnutrition? 595
 When the Eskimo comes to town. 603
 Who turns the child "off" to nutrition. 607
 Why people eat what they eat. 608
 A study of the breakfast eating habits of school age girls and boys, grades one through twelve, of an Oklahoma community with implications for teaching nutrition. 509
 Review of nutrition and diet therapy. 611
 Nutrition and diet therapy. 612
 The wheel of health. 614
 Food in antiquity. 624
 The American and his food. 633
 Dry onions. 665
 A Gallup overview of the changing customer - a Gallup symposium. 837
 Ideas for promoting participation. 858
 Sophomore high school students' attitudes toward school lunch. 957
 Jrd-regers - the new hedonists. 1005
 Behavioral objectives help teach nutrition. 1035
 Changing Head Start mothers' food attitudes and practices. 1050
 First foods. 1065
 Influence of nutrition education on fourth and fifth graders. 1124
 Lunch-room attitudes (Motion picture). 1152
 Nutrition education in the funny papers. 1191
 Nutrition education through the mass media in Korea. 1194
 Problems and progress in nutrition education. 1215
 Health education - a conceptual approach. 1229
 Teaching as changing behavior. 1254
 Tests for nutrition education--some examples. 1286
 Food needs of family members. 1283
 Mexican-American food items in the Tucson, Arizona, school lunch program. 1990
 Everybody here loves children. 1996
 If we had ham, we could have ham and eggs - If we had eggs. 2005
 Slim'n swim--a summer nutrition program for underprivileged teen-age girls. 2061
 Russian-American food patterns. 2163
 Home economics research abstract: 7, food and nutrition. 2198
 Food habits: a selected annotated bibliography. 2229
 An annotated international bibliography of nutrition education. 2273
 Changes in purchasing, storage, delivery and utilization practices and procedures. (A panel presentation) Part I-Food. 2303
FOOD HANDLING
 Consumer education to minimize the abuse of foods. 5
 Cold food handling (Film loop). 1704
FOOD INDUSTRY
 Communicating with the consumer: natural and synthetic nutrients. 6
 Communicating with the consumer: safety of food supply. 7
 FF industry must gain consumers' confidence in nutrition values. 18
 Industry focuses on malnutrition. 256
 Food, science, and society. 401
 The organic foods movement. 444
 FDA's quality assurance programs--tools for compliance. 583
 What is industry's approach to quality assurance? 744
 Changes in food wholesaling. 773
 The changing food market - nutrition in a revolution. 774
 FF service companies vie for share of a million school lunch programs. 816
 Food industry and FDA face food threat. 823
 Industry's struggle with world malnutrition. 864
 The role of industry in meeting the challenge of future food needs. 938
 School lunch program becomes big factor for frozen meat firm. 949
 Some factors in building an effective marketing program. 955
 Continuing education conferences. 1059
 Exploit new product technology. 1840
 The future of the food industry. 1864
 Genetic improvement of crop foods. 1865
 The economics of food processing. 1866
 New products from smaller companies. 1892
 Pollution, people, power and profit - forces at work to change packaging. 1912
 Possible developments in the supply and utilization of food in the next fifty years. 1914
 Conversion factors and technical data for the food industry. 2259
FOOD INSPECTION REGULATIONS
 Inspection, labeling, and care of meat and poultry. 38
 Dairy inspection and grading services. 732
FOOD INTAKE
 Basic human nutrition and the RDA. 77
 Nutrition: a comprehensive treatise. 83
 Diet and atherosclerosis. 139
 Effects of frequency of eating - part 1. 163
 Effects of frequency of eating - part 2. 154
 Exercise, dietary intake, and body composition. 170
 Fat metabolism in children - influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 176
 Food acceptance and nutrient intake of preschool children. 189
 Food and nutrient intake of children from birth to four years of age. 190
 Food consumption of low-income, rural Negro households in Mississippi. 193
 Food intake of infants attending well-baby clinics in Honolulu. 203
 Hunger and malnutrition - whose responsibility? 249
 Industry focuses on malnutrition. 256
 Iron deficiency in rural infants and children. 263
 Metabolic effects of meal frequency on normal young men. 304
 Mulligan stew: Look inside yourself (Motion picture). 319
 Mulligan stew: Look inside yourself (Videocassette). 320
 Mulligan stew: The film-film man (Videocassette). 321
 Mulligan stew: The film-film man (Motion picture). 322
 Multidisciplinary approach to the problem of obesity - sixth Martha F. Trueman Memorial Lecture. 327
 The new vegetarians: who are they? 366
 Nutrient intake and weight response of women on weight-control diets. 374
 Nutrition for Head Start. 398
 Nutrition for food service workers. 399
 Nutrition to meet the human needs of older Americans. 416
 Nutritional studies during pregnancy: I. Changes in intakes of calories, carbohydrate, fat, protein, and calcium; II. dietary intake, maternal weight gain, and size of infant. 427
 Nutritive content of the usual diets of eighty-two men. 431
 Physiologic control of food intake. 449
 Protein components of blood and dietary intake of preschool children. 457
 Psychologic implications of the nutritional needs of the elderly. 462
 Research on diet and behavior. 471
 Serum cholesterol from pre-adolescence through young adulthood. 490
 Some thoughts on food and cancer. 497
 T.L.C. and the hungry child. 509
 Teen-age food habits - a multidimensional analysis. 514
 Food use and potential nutritional level of 1,225 Texas families. 519
 Tocopherols and fatty acids in American diets - the recommended allowance for vitamin E. 527
 Food and nutrient intake of individuals in the United States: spring 1965. 534
 Screening children for nutritional status. 560
 Dietary studies of northern Utah pre-adolescent and adolescent children. 574
 Vitamin A and iron in infants' diets in Israel. 578
 Weight control of children with Prader-Willi syndrome. 590
 What's good to eat (Motion picture). 600
 What's good to eat (Videocassette). 601
 Effects of some new production and processing methods on nutritive values. 1837
 Effects of USDA commodity distribution program on nutritive intake. 1993
 Nutrient contribution of a meals program for senior citizens. 2033
FOOD INTAKE DETERMINATION
 Diet and nutrition of preschool children in Honolulu - survey of low- and middle-income families. 140
 Food intake of infants attending well-baby clinics in Honolulu. 203
FOOD MISINFORMATION
 The allure of food cults and nutrition quackery. 57
 A chink in our armor. 115
 Fact and fancy in nutrition and food science - chemical residues in foods. 175
 Food facts and fads. 194
 Food faddism. 195
 Nutrition-related health practices and opinions. 417
 Of (iron) pots and pans. 437
 Sense and nonsense about health foods. 487
 Survey of nutrition knowledge as a part of nutrition education. 507
 Nutrition and diet therapy. 612
 Food information of homemakers and 4-H youths. 1096
 Gain menu prestige with pork. 1333

FOOD PACKAGING

FOOD PACKAGING
 Open dating. 30
 Proceedings of the packaging legislation and regulations: current status and future prospects. 573
 Nutritional guidelines and labeling. 705
 Other Federal regulations affecting food packaging. 712
 Packaging and labeling - current trends and legalities. 713
 Policy statement of the American Dietetic Association on nutrition labeling. 715
 Two nutritional labeling systems. 721
 H.R. 1654 - a bill to amend the Fair Packaging and Labeling Act to require certain labeling to assist the consumer. 725
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
 Frozen meals, individually prepared in foil packs, cut costs by 35%. 1433
 Special foods & equipment for the food service industry. 1671
 The changing role and form for packaging. 1502
 The chemistry of nest color. 1404
 Consumer study shows preference for tomato paste in glass jars. 1510
 Edible containers. 1432
 Edible packaging update. 1433
 Effect of packaging methods on frozen asparagus. 1434
 Egg solids: making the convenient more convenient. 1435
 Finding the correct retail package to introduce an unbelievable product. 1447
 Focus group interview - reveals likes and dislikes for salad dressings, containers. 1450
 The metric question - expect new packages, trade shifts. 1480
 New foods for a new decade. 1590
 A newly developed system for measuring readiness to buy in gas-flushed flexible packages. 1534
 Optimum net fill of containers. 1936
 Palatability of meat after low temperature roasting and frozen storage. 1905
 Permeability and food packaging. 1910
 Planning: that's how to develop a new package for a new product. 1911
 Pollution, people, power and profit - forces at work to change packaging. 1912
 Testing packaging films. 1949
 Unique catcave package chosen for ethnic dinner mix market. 1954
 Containers. 1959
 Why not standardize institutional prepared frozen food packaging? 1765
 Effect of packaging on quality of dehydrated potato granules during storage. 2317
 Shopping for shortening. 2346
 Fine-temperature-indicating system 'writes' status of product shelf life. 2349
FOOD POISONING
 Food microbiology: theoretical basis and bacteriological material. 205
 Encyclopedie moderne de l'hygiene alimentaire. 276
 Staphylococcus food poisoning. 309
 A 24-hour method for the detection of coagulase-positive staphylococci in fish & shrimp. 621
 Food in antiquity. 625
 Bacterial contamination of food. 1596
 Botulism. 1697
 Germs from raw food (Slides). 1714
 Hospital food sanitation. (Film loop). 1721
 Isolation from mixed culture (motion picture). 1725
 It can happen here (filmstrip). 1726
 It can happen here (motion picture). 1727
 Bacterial food poisoning. 1744
 Mouse toxin--neutralization test (motion picture). 1744
 An outbreak of Staphylococcus intoxication (motion picture). 1756
 Staphylococcal control and the food processor. 1779
 The Unwanted four: germs that cause food poisoning (film-strip/record). 1783
 Food-borne illness. 1784

Practical food microbiology and technology. 1962
FOOD PREFERENCE MEASURES
 Tuna. 530
 Effect of fat content in cheddar, colby, and swiss cheeses on consumer preference. 804
 Youngsters' taste test picks favorites. 1006
 Sensory evaluation of breaded, deep-fried turnip slices. 1931
FOOD PREFERENCE RATINGS
 What's wrong with school lunch? 602
FOOD PREFERENCES
 Consumer behavior. 16
 Animal protein--keystone of foods. 65
 Basic human nutrition and the RDA. 77
 Bulking agents in foods - acceptability by obese individuals. 100
 Feeding children. 181
 Food acceptance and nutrient intake of preschool children. 189
 Food facts and fads. 194
 Food habits of low-income children in northern New York. 201
 Food habits of migrant farm workers in California - comparisons between Mexican-Americans and "Anglos". 202
 Food practices and preferences of some college students. 206
 Fruit and vegetable acceptance by students - factors in acceptance and performance. 216
 General factors affecting college foods food preferences, habits, and intake. 222
 A half century of changing food habits among Japanese in Hawaii. 231
 Implications of changing food habits for nutrition educators. 251
 Man as a patient. 290
 Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
 The need for iron fortification. 360
 Nutrients in university food service meals - II. Data from meals selected by students. 376
 Nutrition education for the "now" generation. 394
 1969-1970 report. 404
 Teen-age food habits - a multidimensional analysis. 514
 Yorktown students don't jump for junk. 616
 An industrial view of nutritional labeling and nutrition education. 692
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 723
 Acceptability of low-fat milk by school children. 750
 Consumer considerations: deep-fried foods. 787
 Favorite deep-fried fare. 817
 Gallus determines potato popularity. 833
 Gallus examines the sauce scene. 834
 Gallus finds broad acceptance for international seafood specialties. 835
 Gallus measures popularity of international cuisine. 836
 A Gallus overview of the changing customer - a Gallus symposium. 837
 A Gallus overview: soup spans the "six meal a day" spectrum. 838
 Gallus pinpoints tastes for fresh citrus fruits. 839
 Gallus survey - a case for vegetable variety. 840
 Gallus survey - when everyone says "cheese!". 841
 Gallus survey-the "take-out" marathon. 842
 Gallus surveys the breakfast cereal bowl. 843
 How to capitalize on student food preference patterns. 854
 The nation's most desired desserts. 895
 Selling students. 951
 Sophomore high school students' attitudes toward school lunch. 957
 Variety is vital to vegetable fare. 992
 Wise up--go modern--cut out a la carte and cut costs. 1002
 Young America dines out: how youth voted in '72. 1035
 Youth speaks: Student involvement in school food service--a panel discussion. 1007

3rd-graders - the new hedonists. 1004
 Health education - a conceptual approach. 1229
 Give them a choice. 1336
 Hamburgers and cookies and bananas and chicken and sweet potato cake and milk shakes and brownies and marshmallows and bacon and... 1337
 A survey of factors relating to the prepackaged lunch system in selected school districts. 1412
 The ease of working merchandising magic with mood food - new life for jaded menus. 1415
 Focus group interview - reveals likes and dislikes for salad dressings, containers. 1450
 Identifying and controlling product quality attributes - using preference taste panels. 1364
 A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1964
 Their daily bread. 1984
 Current demands on the School Food Service System. 1987
 Factors affecting student participation in selected Milwaukee, Wisconsin Catholic high school lunch programs. 2017
 Marketprobe: New business in school lunch. 2021
 The IFNA encyclopedia of the foodservice industry. 2243
FOOD PREPARATION
 Food - the yearbook of Agriculture 1959. 39
 Attitudes of aides and clients in the expanded nutrition program. 71
 Basic values in nutrition: part I: milk and meat group (transparencies). 74
 Basic values in nutrition: part II: vegetable-fruit group (transparencies). 79
 Basic values in nutrition: part III: bread-cereal group (transparencies). 80
 Centralized food supplies. 110
 Food science. 112
 The family guide to better food and better health. 138
 Modification of vegetable-eating behavior in preschool children. 314
 On-target meal: action for health (filmstrip). 442
 Introduction to foods and nutrition. 503
 Family fare. 542
 Conserving the nutritive values in foods. 544
 Food for groups of young children cared for during the day. 546
 The wheel of health. 614
 Tea & coffee. 627
 Lettuce--the salad staple. 641
 The shady, saucy tomato. 660
 Coffee: it can make you or break you. 777
 Soy helps Skokie's budget. 961
 Techniques in the preparation of fruits and vegetables. 1140
 Food handling and food service examinations. 1149
 Introductory foods. 1164
 Food service: teachers guide. 1174
 Commissaryman 3 & 2. 1276
 Food preparation. 1278
 Add 'canned' imagination to school lunches. 1319
 The care and selling of hot entrees. 1325
 Diet is not just a four-letter word. 1329
 Hamburgers and cookies and bananas and chicken and sweet potato cake and milk shakes and brownies and marshmallows and bacon and... 1337
 Vegetables: varieties, grades and uses for a more profitable menu. 1368
 The A&C's of frying...A profit primer: breading and batter mixes: why throw away frying fats: in frying, system is everything: frying equipment. 1373
 Afro-Kingdom fried chicken system. 1374
 Handbook of food preparation. 1390
 Beef: some answers. 1386
 A bowlful of souper combinations. 1387
 Broiling (film loop). 1390
 The care and selling of cold entrees. 1395
 Care and use tips for frying fats.

1396
Cooking a stew (Film loop). 1404
The professional chef. 1411
Effect of thawing and holding on acceptability of frozen peaches. 1417
Eggs (Transparencies). 1419
Factors affecting the quality of sauces (gravies). 1420
Fish (Film loop). 1423
Fish and shellfish preparation (Film loop). 1424
Gelatin mold (Film loop). 1435
Give your eggs a break (Film loop). 1437
Ground beef: passport to far-away eating (Filmstrip). 1440
Hamburgers (Film loop). 1442
Hide the liver!. 1444
Hospital food handling (Film loop). 1446
How to make a better fish sandwich. 1449
How to prepare and bread fish and seafoods. 1450
Kansas State develops dry mix for yeast bread. 1455
Understanding cooking. 1459
The magic of saucery. 1460
Frozen foods in food service establishments. 1451
Meat selection and preservation (Transparencies). 1453
Microwave cooking in meal management. 1465
New foods for the fry kettle. 1473
Omelet (Film loop). 1479
Recommendations on coffee service. 1480
The parent product. 1482
Pinwheel sandwiches (Film loop). 1485
A portfolio of kitchen fundamentals. 1488
Potato magic for professionals. 1489
Poultry preparation (Film loop). 1491
Preparing a custard (Film loop). 1493
Preparing a stew (Film loop). 1494
Quick and easy "space rice". 1497
Ribbon and checkerboard sandwiches (Film loop). 1499
Rice ideas for school lunch. 1499
A guide to the selection, combination and cooking of foods. 1500
Roasting (Film loop). 1501
Safed preparation (Film loop). 1503
Salads and dressings (Transparencies). 1504
Salads are for eating. 1505
Sandwich preparation and presentation (Film loop). 1505
Selling Brussels sprouts to students. 1511
Spicing vegetables. 1513
Steps in getting ready to cook (Film loop). 1515
Turkey time saver. 1523
Food yields summarized by different stages of preparation. 1524
U.S. families still preserve food at home. 1527
Use of lowfat dairy spread in medium white sauce and plain white frosting. 1530
Use of metric measurements in food preparation. 1531
Vegetable cookery (Film loop). 1534
Vegetable preparation (Film loop). 1535
Ways with food (Transparencies). 1539
White sauce (Film loop). 1543
All about knives (Filmstrip). 1552
Around the menu with gas-fired tilting braising pans. 1554
A directory of systems capability. 1569
Cooking the modern way with stainless steel steam-jacketed kettles. 1580
Is your kitchen obsolete? 1602
Microwaves: the ultimate means for providing short order service at fantastic speeds. 1607
Module heats 24 different types FF meals separately, simultaneously. 1613
Commercial power's food preparation equipment. 1615
New kitchen sophistication with electric steam cookers. 1637
Self-service juices dispensers evaluated: frozen juices most economical, efficient. 1662
What makes kitchens work right? 1665
The finishing kitchen. 1686
Cleanliness and safety (Film loop).

1700
Food preparation (Motion picture). 1712
Kitchen habits (Motion picture). 1732
Sanitation in the kitchen (Transparencies). 1769
Turkey: the bad guy of school lunch. 1781
New food products and food preparation techniques. 1888
Nevel process controls quality variables for French fried potatoes - extends shelf life of potato chips. 1900
Processing contracts mean safe bread. 1919
USA on the hunger front. 1960
The status of school foodservice; part 1. 2066
Food for Peace around the world. 2080
Food service in public schools. 2083
A guide for planning food service in child care centers. 2091
Waffles and syrup: anyone? 2097
Wauwatosa Public Schools Lunch Program: a satellite system. 2098
American Hees's learn to cook book. 2108
Cheese cookery for everyone. 2120
The Chinese achievement. 2121
Fish-fondue/Mautius culinaria!. 2128
Flavor secrets from foreign lands: Colombia. 2130
The art of fish cookery. 2152
Notebook on soy: how to use soy in recipes. 2154
Peach bake-off. 2156
Seafood world. 2165
Milk in family meals. 2172
Money-saving main dishes. 2173
Let's cook fish. 2174
Gancel's culinary encyclopedia of modern cooking. 2233
Larousse gastronomique. 2250
Competition of foods. 2280
Fast-freezing the OU way. 2307
Handling fresh frozen cut-up chickens. 2311
Market category: school lunch programs. 2319
FOOD PREPARATION AND DISTRIBUTION SYSTEMS
The dynamics of systems dialogue. 806
Expanding the conventional school food service program. 811
Food service systems achievement at Pittsburgh national building. 825
How to apply systems analysis to your preparation/processing sub-system. 853
The impact of convenience food systems on the working environment. 860
Industry-wide response to the "raw-to-ready" scale. 863
The new convenience foods program concept (Filmstrip/Record). 906
Panel on characteristics of centralized food service systems. 917
School food service: new laws can help you provide it. 947
Food service in industry and institutions. 970
Upgrade your manpower task allocation system. 989
Oklahoma school lunch handbook. 1200
Training the food service worker (Kit). 1272
Diversity and experimentation pay off in progress: retail food service the Kaiser way. 1330
You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
Air fare: a complete convenience system. 1375
Contract food management: digesting the alternatives. 1401
Quantity food preparation and service. 1425
Elements of food production and baking. 1456
A nothing lunch program becomes really something - at decent cost. 1477
The school food service production kitchen. 1500
Establishing central school lunch kitchens in urban areas. 1527
Basic course in emergency mass feeding. 1528
Essential sub-systems 5: preparation processing - part 1. 1573
Principles of kitchen layout planning for food service establishments. 1605
Layout, equipment, and work methods for school lunch kitchens and serving lines. 1678
nos. 1678
Integral heating system reconstitutes frozen meals in 15 minutes. 1871
Sophisticated technology for the school market. 1937
CARE strikes back at world's malnutrition. 1979
The contractor supplying a school food service package. 1985
The Sacramento system: commodity competency. 2050
School systems implementation: Texas style. 2059
Nutritive values of foods distributed under USA food assistance programs. 2256
Input output - the commissary system. 2312
FOOD PREPARATION, QUANTITY
Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
Food service manual for health care institutions. 757
Work improvement. 769
Food service management. 824
Planning and operating a successful food service operation. 866
How to manage a restaurant or institutional food service. 969
Food service for the Army and Air Force. 973
A guide to nutrition and food service for nursing homes and homes for the aged. 986
Food service in institutions. 997
Introduction to professional food service. 1053
Instructor's outline for foundations of school food service. 1094
Food service orientation (Film loop). 1102
Techniques of main dish preparation. 1134
Techniques of main dish preparation. 1139
Guide for training school lunch personnel. 1181
Food preparation specialist. 1183
An overview of school food service. 1186
Oklahoma school lunch course of study. 1202
Oklahoma school lunch desserts. 1203
Quantity food preparation: A suggested guide. 1293
Quantity cookery and food preparation. 1377
Practical cooking and baking for schools and institutions. 1378
Food preparation. 1382
Quantity cooking. 1383
Quantity food preparation: a course for school food service. 1392
Food preparation: study course. 1414
Quantity food preparation and service. 1425
Food for 50. 1429
Food preparation for school food service personnel. 1436
Holding roast beef by three methods. 1445
How to serve 6000 Blue Collar workers. 1451
Elements of food production and baking. 1456
Standards, principles, and techniques in quantity food production. 1458
Modern sandwich methods (Filmstrip/Phonodiscs). 1466
Simplified manual for cooks. 1467
A manual for emergency mass feeding indoors. 1474
Community meals. 1475
Quantity food production management. 1476
Salads and vegetables. 1478
Spiculating suggestions from Larado. 1507
A handbook on quantity food management. 1512
Convenience and fast food handbook. 1521
Quantity cookery. 1522
Food preparation for Quality Type A lunches. 1532
The professional chef's book of buffets. 1537
The preparation kitchen. 1594
The nautical way. 1595
Preparation-processing - part 2. 1651
Food sanitation. 1719

FOOD PRESERVATION

Standardizing recipes for institutional use. 2109
Cooking and catering the wholefood way. 2118
Cold weather magic from your oven. 2123
The Guide to convenience foods. 2143
Cooking for small groups. 2171
Favorite quantity recipes for type A school lunches, vol. 2. 2177
A book of favorite recipes. 2180
The techniques of culinary artistry for school banquets, luncheons, and teas. 2181
Woman's Day encyclopedia of cookery, vol. 10. 2184
Vegetarian cookery 5. 2206
FOOD PRESERVATION
Consumer education to minimize the abuse of foods. 4
Inspection, labeling, and care of meat and poultry. 58
Effect of storage and other variables on composition of frozen broccoli. 162
Food sciences: a chemical approach. 213
Basic nutrition in health and disease including selection and care of food. 248
Nutrition and elementary food science. 292
Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
Mulligan stew: Count down 4-4-3-2 (Video tape). 316
Food science. 362
Conserving the nutritive values in foods. 344
The world of food. 643
The science of meat and meat products. 656
Frozen food standards and regulations--an industry view. 688
An industrial view of nutritional labeling and nutrition education. 692
Science of home economics and institutional management. 933
Recognizing food spoilage (Film loop). 1223
Food study manual. 1399
Pecano produce increases FF volume by selling a convenience concept. 1487
Preventing food spoilage (Film loop). 1495
Freezing combination main dishes. 1526
U.S. families still preserve food at home. 1529
Cleanliness and storage (Film loop). 1702
Simplified food preparation systems - their impact on your sanitation systems. 1777
The chemicals we eat. 1796
Better frozen product protection indicated in testing of poly-to-poly carton seals. 1797
Cheese packages - goatskins to laminates. 1803
The chemistry of meat color. 1804
Defrost indicators. 1821
Effect of storage and processing on sulfur dioxide in preserved fruit. 1836
Egg solids: making the convenient more convenient. 1835
An evaluation of frozen food indicators now on the market. 1839
Freezing activates temperature device which warns of product mishandling. 1850
Frozen foods participants in organic foods boom. 1861
New foods for a new decade. 1890
A newly developed system for ensuring headspace oxygen in gas-flushed flexible packages. 1934
Novel process controls quality variables for French fried potatoes - extends shelf life of potato chips. 1900
Nutritive value of canned meats. 1905
Permeability and food packaging. 1910
Precooked turkey flavor and certain chemical changes caused by refrigeration and reheating. 1915
Processing frozen breads. 1925
Symposium: Effects of processing, storage, and handling on nutrient retention in foods. 1944
The technical microbiological problems in intermediate moisture products. 1947
Testing packaging films. 1949
Practical food microbiology and technol-

ogy. 1962
From New England - menu and merchandising notes. 2140
Is your cold storage adequate? 2313
Organoleptic technique predicts refrigeration shelf life of fish. 2337
Handling, transportation, and storage of fruits and vegetables. 2345
Storage of fresh broccoli and green beans - effect on ascorbic acid, sugars, and total acids. 2347
Time-temperature indicating system 'writes' status of product shelf life. 2349
The freezing preservation of foods. 2350
Toward better tomatoes. 2358
Conserving nutrients in handling, storing and preparing fresh fruits and vegetables. 2359
FOOD PROCESSING
Advances in food research; volume 18. 51
Balanced nutrition through food processor practice of nutrition: model experience in school food service. 74
Complete teaching kit on cheese (Film-Strip). 122
Industry focuses on malnutrition. 256
Food science & technology, volume III. 258
Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
Mulligan stew: Count down 4-4-3-2 (Video tape). 316
Newer knowledge of cheese. 348
Newer knowledge of milk. 349
Ice cream. 625
Tea & coffee. 627
A cling peach kalafosceme. 631
The science of meat and meat products. 656
Potatoes: production, storing, processing. 662
Peanuts: production, processing, products. 664
An industrial view of nutritional labeling and nutrition education. 692
Nutrition notes: the nutrient labeling dilemma. 703
Philosophy and guidelines for nutritional standards for processed foods. 714
The changing food market - nutrition in a revolution. 774
Engineered foods--The place for oil-seed proteins. 807
A foodservice system that works. 825
Organizing for marketing and new product development. 915
Science of home economics and institutional management. 933
Introduction to professional food service. 1053
Review and analysis of curricula for occupations in food processing and distribution. 1074
Education and training for industry - volume I. 1127
Food processing technology. 1291
A guide to the selection, combination and cooking of foods. 1500
Food yields summarized by different stages of preparation. 1524
Biscuit manufacture. 1544
Facilities for development: pilot plant dedicated to snack food research. 1574
Food sanitation. 1719
The microbiology of frozen vegetables. 1745
Public health aspects of poultry processing (Motion picture). 1759
Staphylococcal control and the food processor. 1779
Advantages of auto carotene in coloring non-standardized dressings and spreads. 1790
Allura Red - new food color offers greater brilliance and stability. 1791
Cereal grains as dietary protein sources. 1801
Cheese packages - goatskins to laminates. 1803
Clouding agents for the food industry. 1805
The complete gobbler. 1807
Considerations in formulating and producing vegetable fat-based dairy substitutes. 1807
Cryogenic freezing cones of age. 1815
Dehydrated protein-fortified fruit juices. 1822
Developing a product to make salads

tests special. 1823
Development and consumer evaluation of soft-serve frozen desserts. 1826
Development and product applications for a high protein concentrate from whey. 1828
Old process for IQF fruit eliminates syrup but retains flavor, color of fresh. 1829
Effect of processing on provitamin A in vegetables. 1835
Effects of some new production and processing methods on nutritive values. 1837
Exploit new product technology. 1840
Explosion-proof apples are commercially feasible. 1842
Extrusion cooking of cereals and soybeans - part I. 1844
Extrusion cooking of cereals and soybeans - part II. 1845
Food applications for membrane ultrafiltration. 1851
Food fortification: some visible and invisible cost considerations. 1853
The food processing front of the seventies. 1854
Frankfurters without nitrates or nitrites. 1859
Frozen, precooked rice shapes suitable for all markets. 1862
The future of the food industry. 1864
The economics of food processing. 1866
Identifying and controlling product quality attributes - using preference taste panels. 1865
Innovation vs nutrition as the criterion for food product development. 1870
Lipases and flavor development in some Italian cheese varieties. 1874
New process for sourdough bread improves uniformity and reduces process time. 1891
New products from smaller companies. 1892
Non-dairy cheese - a unique reality. 1896
Novel process controls quality variables for French fried potatoes - extends shelf life of potato chips. 1900
Papaya puree: a tropical flavor ingredient. 1909
Pollution, people, power and profit - forces at work to change packaging. 1912
Preparation and growth producing evaluation of a concentrated coprecipitate of soy-cheese whey protein. 1917
Processes and potential markets for instant bean powders. 1918
Processing frozen breads. 1920
Proposed nutritional guidelines for formulated meals--foods of the future. 1921
Quality evaluation of canned and freeze-dried applesauce. 1923
Roselle - a natural red colorant for foods? 1929
Shaped rice products offer promise as new "finger food". 1932
Some applications of enzymes of microbial origin to foods and beverages. 1935
Sub-systems 3 & 4: a simplified systems approach to fabrication & preparation. 1941
Symposium: Effects of processing, storage, and handling on nutrient retention in foods. 1944
Systematic generation of ideas for new foods. 1945
Tea and coffee. 1946
The technical microbiological problems in intermediate moisture products. 1947
Texturizing process improves quality of baked French fried potatoes. 1951
Foam solids in baked products. 1952
Turkey roulades present year 'round serving idea for seasonal fare. 1953
Enzymes in food processing and products. 1972, 1966
Conversion factors and technical data for the food industry. 2259
A select bibliography and library guide to the literature of food science. 2267
Materials for occupational education. 2269
Composition of foods. 2280
Quantity food purchasing. 2315
Effect of packaging on quality of dehy-

- drated potato granules during storage. 2317
Peanut butter use encouraged. 2338
Processing commodities saves money for nation's schools. 2340
Synthetic food. 2342
- FOOD PROGRAMS**
This is USDA'S Consumer & Marketing Service. 37
Hungary U.S.A. 119
Nutrition and health-screening services for the elderly - report of a demonstration project. 352
Nutrition to meet the needs of older Americans. 416
The urban avalanche and child nutrition - I. Impact during the industrial revolution and now. 573
World food and population problems: Some possible solutions. 669
The role of industry in meeting the challenge of future food needs. 933
Frozen meals, individually prepared in foil packs, cut costs by 35%. 1433
Fortified foods: the next revolution. 1457
Nutrition notes: where are we going with school feeding? 1902
Effects of USDA commodity distribution program on nutritive intake. 1993
Evaluation of USDA food programs. 1995
Extended child-feeding projects will mean more use of FF. 1997
Feeding the elderly: the baby of school lunch. 2000
I. Nutrition programs of ICNE senior agencies. 2012
Meals on wheels in Calgary. 2025
A guide to food programs in Montgomery County. 2027
Nutrient contribution of a meals program for senior citizens. 2033
Nutrition awareness in the USA. 2034
Nutrition services of the American Red Cross. 2037
OEO--The emergency food and medical services program and nutrition education. 2039
Our child feeding overseas - a development resource for the advocates? 2043
The success of the federal food assistance programs. 2059
White House Conference on Aging - report of the Nutrition Section. 2101
Food guide & recipe book for the Drive to Serve Program. 2175
Nutritive values of foods distributed under USDA food assistance programs. 2254
- FOOD PURCHASING**
Better living through better eating. 23
Buying nutrition. 25
Meat purchasing (Film loop). 26
Basic values in nutrition: part I: milk and meat group (Transparencies). 78
Basic values in nutrition: part II: vegetable-fruit group (Transparencies). 79
Basic values in nutrition: part III: bread-cereal group (Transparencies). 80
Food purchasing practices of young families. 207
Basic nutrition in health and disease including selection and care of food. 248
Nutrition source book. 341
Introduction to foods and nutrition. 503
Nutrition. 540
Family fare. 542
Food for groups of young children cared for during the day. 545
Nutrition education--1972 hearings. Ninety-Second Congress-second session. 549
Leader's handbook for a nutrition and food course. 555
Food for thrifty families. 558
Food service manual for health care institutions. 757
Food costs and the 40 states. 821
Management manual. Yoon A. Lurch. 869
Food service in industry and institutions. 970
A guide to nutrition and food service for nursing homes and homes for the aged. 986
Introduction to professional food service. 1053
School food service management. 1132
School food service management: short course I. 1133
Food handling and food service examinations. 1149
How to purchase for school lunch. 1176
How to purchase for school lunch. 1177
Menu planning for school lunch, August 11-14, 1969. 1178
Food procurement for school food service. 1185
An overview of school food service. 1186
Oklahoma school lunch handbook. 1200
Management I. 1201
Food buying. 1280
Integrated nutrition and food cost control by computer. 1340
Meal management. 1342
Menu planning for school lunch, August 11-14, 1969. 1348
Nursing home menu planning. Food purchasing and management. 1372
Handbook of food preparation. 1380
Beef: some answers. 1386
Frozen foods in food service establishments. 1461
"...And she does it so easily and so well". 1470
Food sanitation: study course. 1728
Quantity food sanitation. 1741
Quantity food sanitation. 1743
The economics of food processing. 1866
A study of the effect of certain management factors on nutritive value and pupil participation in the school lunch. 2040
Food service in private elementary and secondary schools. 2082
Food service in public schools. 2083
A guide for planning food service in child care centers. 2091
The art of fish cookery. 2152
School food purchasing guide. 2299
The butchery. 2302
Quantity food purchasing guide. 2301
Choosing from alternatives in expanding storage space for frozen food. 2304
Food purchasing. 2309
Purchasing. 2310
Input output - the commissary system. 2312
Quantity food purchasing. 2315
Food and beverage purchasing. 2318
Purchasing eggs for food service establishments. 2320
Purchasing food for food service establishments. 2322
Purchasing dairy products for food service establishments. 2324
Purchasing canned fruits and vegetables for food service establishments. 2325
Purchasing beef for food service establishments. 2327
Meat purchasing. 2329
Meat buyer's guide to portion control meat cuts. 2330
Buying, handling and using fresh vegetables. 2332
Buying, handling and using fresh fruits. 2333
Potatoes made easy for school lunch. 2339
Toward better tomatoes. 2358
- FOOD RESTRICTIONS**
Food beliefs affect nutritional status of Malay fisherfolk. 192
School lunch grows in Brooklyn. 2054
- FOOD SANITATION**
Consumer education to minimize the abuse of foods. 8
Food quality - a focus for togetherness for food scientists and nutritionists. 208
Legal requirements for food safety. 696
Sounds from Capitol Hill: more regulations, more restrictions. 719
Bacterial contamination of food. 1696
Botulism. 1697
Cleanliness and storage (Film loop). 1702
Cleanliness and storage (Film loop). 1703
Dirty dirt--our mortal enemy. 1707
Food additives. 1711
Food preparation (Motion picture). 1712
Germs from raw food (Slides). 1718
Food sanitation. 1719
It can happen here (Filmstrip). 1726
It can happen here (Motion picture). 1727
Kitchen habits (Motion picture). 1732
Quantity food sanitation. 1741
Sanitary techniques in food service. 1742
The microbiology of frozen vegetables. 208
Food science & technology, volume III. 258
Newer knowledge of milk. 349
Protein quality and PER: concepts important to future foods. 459
Responsibility of dietitians for providing information about food: it's wholesomeness and nutritional value. 473
Sixty hamburgers later...Newspapermen researches America's favorite food. 661
FDA'S quality assurance programs--tools for compliance. 683
The government's role in quality assurance. 689
Meat evaluation handbook. 698
What is industry's approach to quality assurance? 744
Making cafeterias work. 879
Food quality evaluation--a learning technique. 1097
Bases for vocational education for food service industry employees. 1134
Models for control of nutritive content of menus planned by computer. 1346
Convenience--to use or not to use? 1405
Factors affecting the quality of sauces (gravies). 1420
Quantity food preparation and service. 1425
Holding roast beef by three methods. 1445
Testing of products is essential. 1520
Food preparation for quality Type A lunches. 1532
Advances in food service equipment. 1548
The food processing front of the seventies. 1654
Identifying and controlling product quality attributes - using preference taste panels. 1668
The measurement of meat color. 1677
Quality evaluation of canned and freeze-dried applesauce. 1925
An evaluation of the protein quality of a textured soybean product. 1961
Why won't they eat? 2104
Home economics research abstract: 7, food and nutrition. 2198
A select bibliography and library guide to the literature of food science. 2262
'Quality first' at Texas A&M. 2298
Old specs ensure quality, lower costs. 2302
Effect of packaging on quality of dehydrated potato granules during storage. 2317
Buying, handling and using fresh vegetables. 2332
Buying, handling and using fresh fruits. 2333
Potatoes made easy for school lunch. 2339
Toward better tomatoes. 2358
- FOOD QUACKERY**
The allure of food cults and nutrition quackery. 57
Food facts and fads. 194
Responsibility of dietitians for providing information about food: it's wholesomeness and nutritional value. 473
- FOOD QUALITY**
Quality assurance--Today & tomorrow. 33
Food - the yearbook of Agriculture 1959. 39
What the consumer expects of quality assurance. 45
Food science. 112
Oxidation of linoleic acid during potato frying. 136
Food quality - a focus for togetherness for food scientists and nutritionists.

FOOD SCIENCE

FOOD SCIENCE

FOOD SELECTION

PAGE 219

TEL. 2333
FOOD SERVICE

A new concept in compact: all-electric mini facility. 1633
New electric kitchen systems added to 1970 Laurels roster. 1636
New look at Old Orchard. 1638
Profile plan of a food service operating system for the 70's: part 3. 1653
Role of a unique product safety testing organization. 1658
Single service: facts, not talk. 1666
Single service: the creative plus. 1667
Six solutions to ware handling. 1668
Sub-system 2: the status of storage. 1672
Systems solution for the 73's: part 1. 1674
What makes kitchens work right? 1685
Disposables and disposability. 1704
Sanitary techniques in food service. 1742
A practical primer on essential sanitation concepts. 1758
Sanitation for food service workers. 1761
Nutrition notes: where are we going with school feeding? 1902
Why not standardize institutional prepared frozen food packaging? 1965
Fort Wayne, Indiana, community schools...A system for the future. 2007
Meals for the elderly. 2024
Meals on Wheels a la Calgary. 2025
Position paper on food and nutrition services in day-care centers. 2046
Summer feeding: East and West. 2070
Thousands came to dinner. 2077
A guide for planning food service in child care centers. 2091
Food & menu dictionary. 2223
Food use by the foodservice industry. 2230
Materials for occupational education. 2263
Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2279
Input/output - the commissary system. 2312
Quantity food purchasing. 2315
FOOD SERVICE INDUSTRY
Foodservice industry wants crusade to conserve natural gas. 22
Labels that tell you something. 24
Food service equipment industry. 624
Sixty hamburgers later...Newsday's researches America's favorite food. 661
IFEC tackles nutrition labeling. 691
An industrial view of nutritional labeling and nutrition education. 692
Nutrition labeling—more information to help the consumer select foods. 701
Team in shopping centers offers foodservice opportunities. 762
Can you compete against the \$50,000 minute? 770
Comparison of cast structures of food stores and eating and drinking places. 783
Contract clauses: Grievances. 789
Convenience food systems: raw-to-ready scale, key to modernization. 793
A study of career ladders and manpower development for non-management personnel in the food service industry. 795
Development of a central commissary in industry. 802
Food costs and the 40 thieves. 822
Food use by the foodservice industry. 826
Foodservice systems that work. 829
Franchising in perspective. 830
Is school lunch 25 years behind? 866
Trends in food service. 981
Who says school lunch needs public relations? 999
Yellowstone's foodservice: Mission impossible. 1004
Vocational training answers manpower needs. 1303
Your future in restaurants and food service. 1307
Where do I go from here (Motion picture). 1310
Write your own ticket (Filmtips/Recipe). 1316
Changing patterns in foodservice. 1326
An instant recall encyclopedia...Desserts—re-runs '72. 1337
Try new fish varieties on your menu. 1363

What's for breakfast? 1369
 Around the menu with steam cooking. 1384
 In cove merchandising, easy does it! 1453
 The magic of saucery. 1460
 A practical formula for successful wine business. 1492
 The ABC'S of make-up air. 1547
 Advances in food service equipment. 1548
 Air quality and the char broiler. 1550
 The best investment we've ever made. 1557
 A directory of systems capability. 1569
 Is your kitchen complete? 1599
 New dimensions in aluminum disposables. 1634
 Refrigeration: the 24-hour-a-day workhorse. 1657
 Special foods & equipment for the food service industry. 1671
 "Search and destroy" tactics work. 1693
 Foodservice trends to ex-amine leand-rins. 1715
 Sanitation checklists for management. 1746
 The \$130 billion food assembly line (Filmstrip). 1767
 Conversion and packaging of food products for use where facilities and personnel are limited or non-existent. 1813
 Directions '73. 1830
 The share of foodservice to come: a fable of the future with a note on the present. 1933
 Marketprobe: New business in school lunch. 2021
 Soue: Serves it with flair. 2156
 Cus-can product guide. 2222
 Foodservice lexicon. 2231
 The IFMA encyclopedia of the foodservice industry. 2243
 Our own abridged dictionary of the food service industry. 2257
 Food beverage industries: a bibliography and guidebook. 2294
 Meat buyers' guide to standardized cuts. 2331
 You and your frozen-food distributor. 2365

FOOD SERVICE MANAGEMENT

ARA sells a "reimpose" lunch. 47
 Balanced nutrition through food processing: practice of nutritionist: model experience in school food service. 74
 Basic principles of nutrition. 283
 Food selection for good nutrition in group feeding. 541
 Nutrition-staff training programs. 554
 What is nutrition education: why nutrition education. 597
 All the hot soup they want. 753
 Food service annual for health care institutions. 757
 New directions for action. 761
 Cafeteria service (Film Loop). 765
 Management procedures and records. 767
 Guide to foodservice management. 776
 Colorado school lunch handbook. 778
 Contract foodservice--pros and cons. 790
 Convenience food systems: prepackaged lunch cases to school. 792
 Convenience food systems: raw-to-ready scales, key to rationalization. 793
 Expanding the conventional school food service program. 811
 Experiences in using management services. 812
 Managerial accounting for the hospitality service industries. 816
 The practice of general management. 819
 Management of food service. 820
 Food costs and the 40 tilaves. 821
 Food costs and the 40 tilaves. 822
 Food service management. 824
 Foodservice systems that work. 829
 Development of evaluative procedures for assessing present-level efficiency of school food services. 847
 How to apply systems analysis to your preparation/processing sub-system. 853
 The impact of convenience food systems on the working environment. 850
 Industry-wide response to the "raw-to-ready" scale. 853
 Management aspects of school lunch programs in Iowa. 865

Planning and operating a successful food service operation. 868
 Management manual: Type A lunch. 869
 Work analysis and design for hotels, restaurants and institutions. 871
 Let's tell it like it is! 875
 Low productivity: the foodservice tope-work. 877
 The management of people in hotels, restaurants, and clubs. 878
 Managing change in food service operations. 883
 Using financial statements in food service establishments. 884
 Operating budgets for food service establishments. 885
 Using break-even analysis in food service establishments. 886
 Profitable food service management thru employee and management meetings. 896
 Profitable food service management thru good supervision. 897
 Profitable food service management thru counseling and intercommunication. 898
 Profitable food service management thru performance appraisals. 899
 Profitable food service management thru reduction of employee turnover. 900
 Profitable food service management thru worker motivation. 901
 Profitable food service management thru job analysis, descriptions, and specifications. 902
 Profitable food service management thru recruitment and selection of employees. 903
 Profitable food service management thru job evaluation. 904
 Personnel management and work organization. 909
 Innovative management for the expanding school food service program. 910
 Optimizing our human resources. 912
 School food service financial management handbook for uniform accounting. 919
 Quantitative inventory management. 929
 Something special at O.U. 936
 Management functions for state and system level school and non school food service administrators. 958
 Management function of a centralized school food service system. 959
 New concepts in management. 960
 St. Luke's & the computer. 964
 Marketing in action for hotels, motels, restaurants. 967
 How to manage a restaurant or institutional food service. 969
 Food service in industry and institutions. 970
 Food service for the Army and Air Force. 973
 Systems approach to labor cost control. 976
 Private school lunch. 984
 School food service financial management seminar for uniform accounting. 985
 A guide to nutrition and food service for nursing homes and homes for the aged. 986
 Upgrade your manpower task allocation system. 989
 Food service in institutions. 997
 School food service management development program: Manual, advanced course. 1001
 Wise up--go modern--cut out a lb carte and cut costs. 1002
 Manual for the education of the food service supervisor, part one of two-part series. 1020
 Manual for the education of the food service supervisor--part one of two-part series. 1022
 Aptitudes in selection and training of food service personnel. 1029
 CNI joins in training Milwaukee interns. 1042
 Career ladders in food service. 1046
 Foundation course. 1105
 Cooking for food senegors--a laboratory text. 1110
 School food service management. 1131
 School food service management. 1132
 School food service management: short course 1. 1133
 The key to survival and growth. 1144
 Employee training in food service establishments. 1153

A New horizon: careers in school food service (Filmstrip). 1173
 New professionals to the rescue. 1179
 A food service supervisor's course on a college campus. 1180
 Guide for training school lunch personnel. 1181
 Food service management. 1184
 Nutrition education: Resources available for the school food service supervisor (A panel discussion). 1195
 Oklahoma school lunch handbook. 1200
 Management 1. 1201
 Oklahoma school lunch course of study. 1202
 Project feast puts it all together. 1220
 Teen supervision. 1257
 Food service supervisor--school lunch manager. 1274
 School lunch leadership training conference. 1275
 Where do I go from here (Motion picture). 1310
 School food service management development program: Manual, intermediate course. 1313
 Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1330
 Contemporary meal management. 1343
 The cyclical menu. 1344
 School lunch on-line in Kansas. 1357
 You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
 Nursing home menu planning. Food purchasing and management. 1372
 Convenience food systems. 1402
 Standards, principles and techniques in quantity food production. 1454
 Frozen foods in food service establishments. 1461
 Rush hour service (Film Loop). 1502
 Basic course in emergency mass feeding. 1524
 Essential sub-systems 5: promotion broessing - part 1. 1573
 Principles of kitchen layout planning for food service establishments. 1608
 The use & abuse of equipment. 1680
 What is the best seating for lunchroom? 1684
 The youth market pays to do its thing. 1691
 Bacterial food poisoning. 1744
 Sanitation checklists for management. 1746
 Directions '73. 1830
 ANSWER questions Florida county systems. 1970
 If we had haw, we could have hoo and eggs - if we had eggs. 2005
 School lunch in High Point: a community's pride. 2056
 School systems implementation: Texas style. 2059
 Southwest Region's response to the challenge of nutrition education. 2062
 Food service in public schools. 2083
 New low-cost fish replaces mess'child test. 2153
 Hotel and restaurant administration and related subjects. 2221
 Hotel and restaurant administration and related subjects. 2236
 Purchasing eggs for food service establishments. 2320
 Using storage controls to simplify determination of daily food costs. 2321
 Purchasing food for food service establishments. 2322
 Using storage in food service establishments. 2323
 Purchasing dairy products for food service establishments. 2324
 Purchasing canned fruits and vegetables for food service establishments. 2325
 Receiving practices in food service establishments. 2326
 Purchasing beef for food service establishments. 2327
 Core and handling of prepared frozen foods in food service establishments. 2328
 Procurement programmed for profit. 2341
 Will Remond's procurement system work for you? 2363

SUBJECT INDEX

FOOD SERVICE OCCUPATIONS

FOOD SERVICE OCCUPATIONS

The world of food. 643
A study of career ladders and manpower development for non-management personnel in the food service industry. 795
Optimizing our human resources. 912
Career discoveries: People who make things (Filstrip). 1044
Career ladders in food service. 1046
Career ladders in food service. 1047
First foods. 1065
Dietetic manpower trends in education and training. 1066
Help wanted: career ladders turn dead-end jobs into career opportunities. 1111
Job for you: it's happening in home economics (Filstrip). 1137
The key to survival and growth. 1144
Minority view: digging ground for opportunity? 1160
A New Horizon: careers in school food service (Filstrip). 1173
New professionals to the rescue. 1179
Recruiting students: an unset road. 1224
So you want to be a consultant? 1244
So you want to get ahead? 1245
Train 'em or lose 'em. 1267
Your future in restaurants and food service. 1307
Where do I go from here (Motion picture). 1310
You. 1318
The professional chef. 1411
Staffing Broward County-style. 2064
Tom Farley's impossible dream. 2078
Directory of foodservice designers. 2224

FOOD SERVICE SUPERVISORS

"Talk-line"--Summary of group reports: Role of the school food service in nutrition education. 46
A guide to nutrition and food service for nursing homes and rest for the aged. 555
Reducing turnover: Start on employee's first day. 932
Educators' attitudes toward nutrition education in Florida. 1040
Hospital cooks correspondence course (an in-service training plan) 1954. 1113
Ohio training researched. 1199
Self-instructional program of training for food service personnel compared with group training. 1231
So you want to get ahead? 1245
Food service supervisor-school lunch manager. 1274
You. 1318
Summer food service in Cincinnati. 2071

FOOD SERVICE TECHNOLOGISTS

Advances in food service equipment. 1548

FOOD SERVICE TRAINING

Best purchasing (Film loop). 26
Materials and methods in nutrition education. 143
Basic nutrition and menu planning. 379
Work improvement. 769
All benefit from handicrafts' training. 1014
Guidelines for hospitality education in junior college. 1015
Manual for the education of the food service supervisor, part one of two-part series. 1020
A study guide for the food service supervisor. 1021
Manual for the education of the food service supervisor---part one of two-part series. 1022
Improvement of personnel through testing, interviewing, orienting, training and evaluating - part 2. 1024
Attitudes in selection and training of food service personnel. 1029
Subjective evaluation of an experimental training program for food service personnel. 1037
Effects of an experimental training program for food service personnel. 1041
Career ladders in food service. 1046
Career ladders in food service. 1047
Introduction to professional food service. 1053
Status of curricular development in the field of commercial food at the non-accacurrate level. 1062

Developing a hospitality program in high schools. 1063
Math workbook - food service/lodging. 1064
Dietetic manpower trends in education and training. 1066
Selected attitudes of food service personnel participating in two methods of training. 1072
Review and analysis of curricula for occupations in food processing and distribution. 1074
The first year of a coordinated undergraduate program in food systems management. 1091
Food service orientation (Film loop). 1102
Foundation course. 1105
Cooking for food managers-a laboratory text. 1110
Home study courses for food service employees - an Iowa program. 1112
Hospital dishwashing (Film loop). 1114
Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
Bases for vocational education for food service industry employees. 1134
Techniques of salt dish preparation. 1138
Techniques of main dish preparation. 1139
Analysis of tests used to evaluate a training program for food service personnel. 1141
Food training routines. 1142
Food training routines II. 1143
The key to survival and growth. 1144
Kids run a restaurant drive-in style. 1145
FS/L English. 1147
Development of an instrument to evaluate the effect of a school lunch training program. 1148
Food handling and food service examinations. 1149
Retention of learning two years after an experimental training program for food service personnel. 1159
Food service. 1161
Food service: teachers guide. 1174
Commercial foods. 1175
How to purchase for school lunch. 1176
How to purchase for school lunch. 1177
Menu planning for school lunch, August 11-14, 1969. 1178
Guide for training school lunch personnel. 1181
Some aspects of an experimental training program for food service personnel. 1182
Food preparation specialist. 1183
Food service management. 1184
Food procurement for school food service. 1185
An overview of school food service. 1186
Training yourself for food service. 1188
Training guide. 1189
Curriculum guide for food service occupations. 1205
Curriculum guide for food service instructional programs in Pennsylvania. 1212
Recognizing food spoilage (Film loop). 1223
Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
Scheduling the food service executives of tomorrow. 1233
Self-instructional program of training for food service personnel compared with group training. 1231
Staffing and training personnel for centralized school food service systems. 1248
Guide for course of study for cook (hotel and restaurant) (entry). 1259
Food service selling. 1260
Food service employees. 1261
Dietitian aides. 1262
Training the food service worker (KIT). 1272
Supervised food service worker. 1289
Cook's: a suggested guide for a training course. 1290
Training food service personnel for the hospitality industry. 1292
Quantity food preparation: A suggested

guide. 1293
Work simplification in food service (Slides). 1315
Menu planning. 1334
Menu planning for school lunch, August 11-14, 1969. 1348
Food preparation. 1382
Food preparation for school food service personnel. 1436
Hospital food handling (Film loop). 1446
Modern sandwich methods (Filstrip/Phonodisc). 1466
Quantity food production management. 1476
Preventing food spoilage (Film loop). 1495
Instructor's guide for presenting equipment use and care. 1643
Facilities guide. 1644
The use & abuse of equipment. 1680
The angry flame: a fire protection course (Filstrip/Record). 1695
Cleaning and sanitizing (Film loop). 1699
Cold food handling (Film loop). 1704
Control of ants, flies and mosquitoes (Film loop). 1705
Control of rats and mice (Film loop). 1706
Flies, filth, and food (Film loop). 1709
Food preparation (Motion picture). 1712
The food service worker (Film loop). 1713
The free loaders: foods service post control (Filstrip/Record). 1716
Handwashing procedures (Film loop). 1720
Hospital kitchen safety (Film loop). 1722
Identification and control of roaches (Film loop). 1724
Food sanitation: study course. 1728
Keeping your cool (Film loop). 1730
Kitchen habits (Motion picture). 1732
Sanitary techniques in food service. 1742
Quantity food sanitation. 1743
Safety and sanitation. 1752
School food service sanitation: a manual for school food service employees. 1753
Safety and sanitation. 1754
Serving food (Motion picture). 1775
Standards of cleanliness (Film loop). 1778
Sanitary food service. 1782
Food-borne illness. 1784
Washing-up: Part 1 (Slides). 1786
Washing-up: Part 2 (Slides). 1787
Work smart--stay safe: an employee safety message (Film-strip/Record). 1788
Tom Farley's impossible dream. 2078
Total convenience on the college campus - special report. 2079
What schools are doing. 2099
Food purchasing. 2309
Purchasing. 2310
Quantity guide. 2336

FOOD SERVICE WORKERS

The application of nutrition information to persons trained in food service who do not have a dietitian as a continuous resource of nutrition information. 67
Nutrition for food service workers. 399
Nutrition-staff training programs. 554
Convenience food systems: vote "yes" on a convenience foods system? 794
How much does an employee really cost? 851
The basic four of work. 870
Associates of Look's hand book. 876
Low productivity: the foods service tape-form. 877
Managing change in food service operations. 883
Profitable food service management thru performance appraisals. 899
Profitable food service management thru reduction of employee turnover. 900
Profitable food service management thru worker motivation. 901
Reducing turnover: Start on employee's first day. 932
Six simple thefts: cases in internal control. 953
Spotlight on contract clauses. 962

- Yielding cafeteria leads to quit by service employees. 999
 School lunch worker older than director or supervisor. 1325
 Attitudes in selection and training of food service personnel. 1029
 Audio-visuals make employee training more effective. 1031
 Career ladders in food service. 1046
 Career ladders in food service. 1047
 A preliminary investigation of the effectiveness of program-based instruction in teaching initiation to non-professional food service employees. 1048
 College joins school foodservice in training workers. 1054
 Help wanted: career ladders turn dead-end jobs into career opportunities. 1111
 Home study courses for food service employees - an 1843 program. 1112
 The key to survival and growth. 1144
 Employee training in food service establishments. 1153
 Food service. 1151
 This is your passport for food service worker. 1170
 This training researched. 1199
 Self-instructional program of training for food service personnel covered with grade training. 1231
 Subjective evaluation of an experimental training program for food service personnel. 1253
 Train supervision. 1257
 Training makes Frisch a growing big boy. 1270
 Supervised food service worker. 1289
 Training food service personnel for the hospitality industry. 1292
 Vocational training answers warworker needs. 1303
 Where do I go from here (Motion picture). 1310
 The food service worker (Film loop). 1713
 How to get ready for your next accident. 1723
 Marketbasket: New business in school lunch. 2021
 School lunch in high points: a community's pride. 2056
 Thousands came to dinner. 2077
 Fox Farley's impossible dream. 2078
 Eating and drinking places industry. 2236
- FOOD SERVING METHODS**
 Food selection and service (Transparencies). 1101
 Settling the table (Film loop). 1237
 Beef: some answers. 1356
 The kitchen (Film loop). 1731
 Serving food (Motion picture). 1775
- FOOD SPECIFICATIONS**
 Food purchasing. 2309
- FOOD SPOILAGE**
 Food science: a chemical approach. 213
 Food science. 367
 Recognizing food spoilage (Film loop). 1223
 Training the food service worker (KIT). 1272
 Preventing food spoilage (Film loop). 1495
 Hospital food sanitation. (Film loop). 1721
 It can happen here (Filmstrip). 1726
 It can happen here (Motion picture). 1727
 Quantity food sanitation. 1741
 Sanitary techniques in food service. 1742
 Quantity food sanitation. 1743
 Safety and sanitation. 1754
 The safety of foods. 1760
 Practical food microbiology and technology. 1762
 Not all governments support school lunch. 2031
 The case of the lost lunch. Mrs. Joyce vs. Mrs. Clay. 2305
 Organoleptic technique predicts refrigeration shelf life of fish. 2337
 Conserving nutrients in handling, storing and preparing fresh fruits and vegetables. 2357
- FOOD STAMP PROGRAMS**
 Child nutrition: an idea whose time is here. 114
 Hunger, U.S.A. 117
 Calibrates air food help message. 1751
- A guide to food programs in Montgomery County. 2327
 A nutritious diet for all Americans. 2038
 The success of the federal food assistance programs. 2349
 You can help fight hunger in America. 2092
 You too can start a food program. 2105
- FOOD STANDARDS AND LEGISLATION**
 Attitudes toward the ban on cyclamates. 1
 The case for ingredient disclosure. 3
 Communicating with the consumer: safety of food supply. 7
 Food product dating. 20
 New regulations on "cents-off" promotions. 28
 Dean dating. 30
 Organic foods. 31
 Quality assurance--Today & tomorrow. 33
 This is USDA's Consumer & Marketing Service. 37
 Inspection, labeling, and care of meat and poultry. 38
 What the consumer expects of quality assurance. 45
 Basic human nutrition and the RDA. 27
 The dietary iron controversy. 148
 The experts debate: the added enrichment of bread and flour with iron. 172
 Fulfilling the scientific community's responsibility for nutrition and food safety. 217
 Modern food analysis. 232
 Major mineral elements in Type A school lunches. 285
 Newer knowledge of milk. 349
 Observations: let's look beyond nutrition to identify proteins. 436
 The chemical analysis of foods. 447
 Round-table discussion. 479
 Yorktown students don't jump for junk. 616
 Ice cream. 625
 The American and his food. 633
 The big debate: should FF be fortified? 672
 Proceedings of the packaging legislation and regulations: current status and future prospects. 673
 A commentary on the new F.D.A. nutrition labeling regulations. 678
 Confusing less complicate marketing picture for new products. 679
 FDA seeks simpler, fast microbiological controls. 682
 FDA's quality assurance programs--tools for compliance. 683
 FF backers under the gun to meet nutritional labeling deadline. 684
 Food labeling regulations. 685
 Forum: Voluntary food standards. 686
 Frozen dinner nutritional contents equated with government guidelines. 687
 Frozen food standards and regulations--an industry view. 688
 The government's role in quality assurance. 689
 An industrial view of nutritional labeling and nutrition education. 692
 Ingredient labeling. 693
 Legal developments: FDA releases labeling regulations. 695
 Legal requirements for food safety. 696
 Meal requirements for lunch programs offer flexibility. 697
 Nutrient labeling....Purpose and approach. 699
 Nutrition notes: the nutrient labeling dilemma. 703
 Nutritional guidelines - the how, the why, and the when. 704
 Nutritional guidelines and labeling. 705
 Nutritional guidelines and the labeling of foods. 706
 Nutritional labeling: a need for caution. 707
 Nutritive labeling. 708
 Observations: industry comments on nutritional labeling. 709
 Observations: nutritional labeling, however imperfect, is here. 710
 Other Federal regulations affecting food packaging. 712
 Packaging and labeling - current trends and legislation. 713
 Philosophy and guidelines for nutritional standards for processed foods. 714
 Policy statement of the American Dietetic Association on nutrition labeling. 715
 Some considerations for nutritional labeling. 718
 Sounds from Capitol Hill: more regulation, more restrictions. 719
 Standards, labeling, education to improve the diet. 720
 Two nutritional labeling systems. 721
 H.R. 1654 - a bill to amend the Fair Packaging and Labeling Act to require certain labeling to assist the consumer. 725
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 724
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
 Standards for meat & poultry products. 731
 Dairy inspection and grading services. 732
 USDA gives specifications for textured vegetable protein products. 743
 What is industry's approach to quality assurance? 744
 What useful purpose is served by quantitative ingredient labeling? 745
 Will customers really use the label? 746
 Engineered foods--The elose for oilseed proteins. 809
 Food service management. 824
 Food additives. 1711
 Public health aspect of poultry processing (Motion picture). 1759
 The safety of foods. 1760
 The chemicals we eat. 1796
 Conversion and packaging of food products for use where facilities and personnel are limited or non-existent. 1813
 Current saccharin actions place added stress on need for a non-nutritive sweetener. 1816
 The current status of saccharin. 1817
 A manufacturer looks at food safety. 1875
 Food pollution. 1876
 Gallium net fill of containers. 1906
 Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1954
 Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1956
 Evaluation of USDA food programs. 1995
 School lunch grows in Brooklyn. 2054
 The status of school foodservice: part I. 2086
 Conversion factors and technical data for the food industry. 2259
 Food purchasing. 2309
 Quantity food purchasing. 2315
 Meat purchasing. 2329
- FOOD STORAGE**
 Buying nutrition. 25
 Basic values in nutrition: part I: milk and meat groups (Transparencies). 78
 Basic values in nutrition: part II: vegetable-fruit group (Transparencies). 79
 Basic values in nutrition: part III: bread-cereal group (Transparencies). 80
 Complete teaching kit on cheese (Films-trips). 122
 Effect of storage and other variables on composition of frozen broccoli. 162
 Lattice--the solid staple. 661
 Potatoes: production, storing, processing. 662
 Food costs and the 40 thieves. 821
 Beef: some answers. 1356
 Effect of thawing and holding on acceptability of frozen peaches. 1417
 Fish and shellfish preservation (Film loop). 1424
 Holding roast beef by three methods. 1445
 Meat selection and preparation (Transparencies). 1463
 Poultry preparation (Film loop). 1491
 Preventing food spoilage (Film loop). 1495
 Cleanliness and storage (Film loop). 1702
 Cleanliness and storage (Film loop). 1703
 Cold food handling (Film loop). 1704

FOOD STORES

Hospital food sanitation. (Film loop). 1721
 It can happen here (Filmstrip). 1726
 It can happen here (Motion picture). 1727
 Safety and sanitation. 1754
 Sanitation in the kitchen (Transparencies). 1769
 Freezing activates temperature device which warns of product mishandling. 1860
 Choosing free alternatives in expanding storage space for frozen food. 2304
 Handling fresh frozen cut-up chickens. 2311
 Inlet outlet - the commissary system. 2312
 Using storage controls to simplify determination of jelly food costs. 2321
 Using storage in food service establishments. 2323
 Purchasing beef for food service establishments. 2327
 Core and handling of precooked frozen foods in food service establishments. 2328
 Meat purchasing. 2329
 Organoleptic technique predicts refrigeration shelf life of fish. 2337
 Handling, transportation, and storage of fruits and vegetables. 2345
 Storage of frozen broccoli and green beans - effect on ascorbic acid, sugars, and total acids. 2347
 Time-temperature-indicating system 'writes' status of product shelf life. 2349
 Food storage guide for schools and institutions. 2354
 Storage specifics. 2352
 Cold and freezer storage manual. 2364

FOOD STORES
 Comparison of cost structures of food stores and eating and drinking places. 703

FOOD SUBSTITUTIONS
 The cost of meats and meat alternates. 12
 Basic values in nutrition: part I: milk and meat groups (Transparencies). 70
 Basic values in nutrition: part II: vegetable-fruit groups (Transparencies). 79
 Nutrition education for mothers of Filipino preschool children. 393
 Food for 50. 1429
 Non-dairy cheese - a unique reality. 1096
 Protein products: analogs of favorite food forms. 1924
 Soybean milk - a low-cholesterol substitute for cow's milk for children and adults. 1939

FOOD SUPERSTITIONS
 Food beliefs affect nutritional status of Malay fishermen. 192

FOOD SUPPLY
 Food: proteins for humans. 50
 Nutrition and physical fitness. 97
 Controlled food supplies. 110
 Teaching nutrition. 155
 Food for a modern world (Motion picture). 196
 Food for life (Motion picture). 198
 Food for life (Videocassette). 199
 The ecology of malnutrition in Central and Southeastern Europe. 297
 The ecology of malnutrition in river countries of Eastern and Central Europe. 298
 The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
 The ecology of malnutrition in Northern Africa. 300
 Food, science, and society. 431
 Nutritional improvement and world health potential. 421
 Food and nutrition. 405
 Understanding food. 311
 Attack on starvation. 535
 Our daily bread. 651
 Overcoming world hunger. 652
 World food and population problems: Some possible solutions. 669
 The changing food market - nutrition in a revolution. 774
 Food-Feeding-Understanding. 827
 The role of industry in meeting the challenge of future food needs. 935
 The long view. 1151

Your future in food science. 1239
 The safety of foods. 1760
 Food for a modern world (Videocassette). 1052
 Foods of the future. 1055
 Fortified foods: the next revolution. 1057
 The future of the food industry. 1064
 Genetic improvement of cereals. 1065
 Food for tomorrow: resources, environment, distribution. 1005
 Possible developments in the supply and utilization of food in the next fifty years. 1914
 Protein free microorganisms. 1923
 At the threshold of attainment. 1974
 Food aid: a selective annotated bibliography on food utilization for economic development. 2226
 Nutritional review. 2255
 Selected list of reliable nutrition books (revised 1970). 2277
 World food-population levels. 2205
 Food coverage industries: a bibliography and guidebook. 2294
 The commodities: Mrs. Joyce vs. Mrs. Clay. 2305

FOOD SYMBOLISM
 Food habits of migrant farm workers in California - comparisons between Mexican-American and "Anglo". 202
 Food is more than nutrients. 204
 Men as a nutrient. 290
 A source book on food practices: with emphasis on children and adolescents. 352
 Socio-cultural basis of food habits. 492
 Finger food industry-new life for Jodel menus. 1422
 Food habits: a selected annotated bibliography. 2229

FOOD TABLES, CONTENT
 Handbook of twenty consecutive menus as submitted by Utah districts. 1367
 Food values and calorie charts. 2271

FOOD TABOOS
 Food beliefs affect nutritional status of Malay fishermen. 192
 Socio-cultural basis of food habits. 492
 CARE strikes back at world's malnutrition. 1979
 Food habits: a selected annotated bibliography. 2229
 An annotated international bibliography of nutrition education. 2273

FOOD TECHNOLOGY
 Food: proteins for humans. 50
 Food quality - a focus for togetherness for food scientists and nutritionists. 208
 The Heinz handbook of nutrition. 234
 Food science and how it began. 334
 How your body uses food. 353
 Symposium papers on food and health. 367
 Nutrition education: Nutrition delivery systems and the management function. 372
 Food, science, and society. 401
 Protein quality and PER: concepts important to future foods. 459
 Man and food. 465
 Amino acid fortification of protein foods. 482
 Understanding food. 511
 The American and his food. 633
 Attack on starvation. 635
 Notes on the history of nutrition in America. 650
 Peanuts: production, processing, products. 668
 World food and population problems: Some possible solutions. 669
 The big debate: should FF be fortified? 672
 The changing food market - nutrition in a revolution. 774
 Industry's struggle with world malnutrition. 864
 Organizing for marketing and new product development. 915
 The role of industry in meeting the challenge of future food needs. 938
 Food science and human nutrition. 1098
 Your future in food science. 1239
 Food processing technology. 1291
 The implementation of a simplified infant food service system. 1592
 Second-generation reconstitution system. 1661
 The chemicals we eat. 1796
 Burger-type products from textured skim milk curd. 1799
 Clouding agent for the food industry. 1805
 Development aids: diverse product applications identified for unique flavored protein products. 1024
 Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1027
 Edible containers. 1032
 Edible packaging update. 1033
 An evaluation of frozen food indicators new on the market. 1039
 Exploit new product technology. 1040
 Exploring different ways of meeting nutritional needs. 1041
 Finding the correct retail package to introduce an unbelieveable product. 1047
 Foods of the future. 1055
 Fortified foods: the next revolution. 1057
 The future of the food industry. 1064
 The economics of food processing. 1066
 Innovation vs nutrition as the criterion for food product development. 1070
 Kubelke-Munk colorant layer concept. 1073
 A manufacturer looks at food safety. 1075
 Food pollution. 1076
 Meeting future needs. 1079
 Artificial and synthetic foods. 1087
 New products from smaller companies. 1092
 Nutrition. 1901
 Pollution, people, power and profit - forces at work to change packaging. 1912
 Possible developments in the supply and utilization of food in the next fifty years. 1914
 Processed frozen breads. 1920
 Proposed nutritional guidelines for formulated meals--foods of the future. 1921
 Protein from microorganisms. 1923
 Recent developments in the vitamin technology of bread--history pertinent today. 1926
 Selman. 1930
 The share of foodservice to come: a fable of the future with a note on the present. 1933
 Sophisticated technology for the school market. 1937
 Systematic generation of ideas for new foods. 1945
 Synthetics and substitutes for agricultural products. 1957
 Practical food microbiology and technology. 1962
 Enzymes in food processing and products. 1972. 1966
 Dictionary of nutrition and food technology. 2204
 Food beverage industries: a bibliography and guidebook. 2294
 Synthetic food. 2342
 Toward the new. 2353

FOOD WARNERS
 Functional merchandising with infrared warners. 1574

FOOD WASTE MEASURES
 Preventing waste (Film Loop). 1496
 A handbook on quantity food management. 1512
 Disposables and disposability. 1708

FOOD YIELDS
 Meat purchasing (Film loop). 26
 Thiamine and riboflavin retention in cooked variety meats. 525
 Forced convection roasting at 200 degrees and 300 degrees F. 1420
 Holding roast beef by three methods. 1445
 Food yields summarized by different stages of preparation. 1524
 Cooking techniques for broiler chickens. 1814
 Precooking and reheating of turkey. 1916
 Handling fresh frozen cut-up chickens. 2311
 Food purchasing guide for group feeding. 2352

FOOD-RELATED DISORDERS

- The family guide to better food and better health. 138
- The Heinz handbook of nutrition. 234
- Lactose intolerance. 275
- Malnutrition and its social implications. 257
- Food pharmacology. 440
- Nutrition and diet therapy. 612
- Films, films, and food (Film loop). 1799
- Food pollution. 1876
- Hearings, Ninety-second Congress, second Session, on nutrition and human needs. 1954

FOODBORNE DISEASES

- Communicating with the consumer: safety of food supply. 7
- The family guide to better food and better health. 138
- Encyclopedie moderne de l'hygiene alimentaire. 276
- A 24-hour method for the detection of coagulase-positive staphylococci in fish & shrimp. 621
- Bacterial contamination of food. 1596
- Food-borne illness: cause and prevention (Slides). 1714
- Food, hands, and bacteria. 1717
- Quantity food sanitation. 1741
- Sanitary techniques in food service. 1742
- Quantity food sanitation. 1743
- Salmonellosis. 1747
- Safety and sanitation. 1754
- An Outbreak of Staphylococcus Intoxication (Motion picture). 1756
- A practical primer on essential sanitation concepts. 1758
- The safety of foods. 1760
- Sanitation for food service workers. 1761
- Turkey: the bad guy of school lunch. 1781
- Sanitary food service. 1782
- The Unwanted four: germs that cause food poisoning (Film-strip/Record). 1783
- Food-borne illness. 1784
- Hearings, Ninety-second Congress, second Session, on nutrition and human needs. 1955

FOODS

- Cost of food at home. 11
- Food retailers help teach food buying. 21
- Food - the yearbook of Agriculture 1959. 39
- Drugs and nutrition. 156
- Food is more than nutrients. 204
- If you want to beautify America, feed a child. 250
- Encyclopedie moderne de l'hygiene alimentaire. 276
- Food and nutrition. 485
- We can't separate nutrition from social and biological sciences. 558
- What's wrong with school lunch? 602
- White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
- White House conference on food, nutrition and health: Final report. 606
- But what are they among so many? An ancient food for a modern need. 629
- Are your new prices high enough? 760
- Convenience food systems: vote "yes" on a convenience foods system? 794
- New professionals to the rescue. 1179
- Space needed for storing and cooling commonly used foods. 1570
- 1972 school food service showcase. 1692
- Meeting future needs. 1879
- Food & menu dictionary. 2223
- L'oeuvre gastronomique. 2250

FOODS INSTRUCTION

- Selection of foods (Film loop). 34
- Food - the yearbook of Agriculture 1959. 39
- Food and nutrition education in the primary school. 137
- Food and nutrition education for nutritionally disturbed women. 191
- Food guides (Film loop). 200
- Food facts and fun with "Butter & Bacon". 227
- Food for you. 302
- Uncle Jim's dairy farm. 330
- More milk please!. 335
- Where do we get our food. 346
- Food science. 362

- Nutrition education for the "new" generation. 394
- Puerto Rican food habits: a color slide set (Slides). 463
- Introduction to foods and nutrition. 503
- Nutrition education for young children. 553
- Science in food and nutrition. 556
- Feeding the child with a handicap. 562
- You and your food (Motion picture). 617
- You and your food (Motion picture) (Spanish). 618
- The world of food. 643
- Home U.S.A. 644
- First foods. 1066
- Prediction of student performance through pretesting in food and nutrition. 1214
- Train 'em or lose money. 1267
- Food and nutrition: a problem-centered approach. 1277
- Food preparation. 1278
- Food and nutrition. 1281
- Meal planning. 1282
- Food needs of family members. 1283
- Cookery made simple. 1391
- Food study manual. 1398
- Fish and shellfish preparation (Film loop). 1424
- Ground beef: passport to far-away eating (Filmstrip). 1440
- "...And she does it so easily and so well". 1470
- Salads and dressings (Transparencies). 1504
- Ways with food (Transparencies). 1539
- Cleanliness and storage (Film loop). 1703

FOODWAYS

- The great nutrition puzzle. 103
- Journey into nutrition (Motion picture). 271
- Food and nutrition. 485
- Some thoughts on food and cancer. 497
- Feed in antiquity. 628
- The American and his food. 633
- A guide to the selection, combination and cooking of foods: 1500
- Food habits: a selected annotated bibliography. 2229
- Changes in purchasing, storage, delivery and utilization practices and procedures. (A panel presentation) Part I: Food. 2303

FORMULATED FOODS AND SPECIALIZED PRODUCTS

- Commercially prepared and specialized products: time for a dialogue. 120
- Nutritive labeling. 708
- Food industry and FDA face food threat. 823
- The dynamics of marketing to dieters. 1331
- Formulating low calorie foods with carbohydrate gums. 1856
- Proposed nutritional guidelines for formulated meats--foods of the future. 1921
- Commercially prepared strained and Junior foods for infants. 2219

FORTIFICATION

- The big debate: should FF be fortified? 672

FORTIFICATION AGENTS

- California states its position. 102
- Contribution of certain nutrients added to foods to dietary intake. 127
- Crackers fortified with fish protein concentrate (FPC): nutritional quality, sensory and physical characteristics. 132
- Enrichment and fortification of foods, 1966-70. 167
- Mulligan Stew: Count down 4-4-3-2 (Motion picture). 315
- Mulligan Stew: Count down 4-4-3-2 (Video). 316
- The need for iron fortification. 360
- Nutrition notes: Iron fortification of foods. 412
- Nutritional improvement and world health potential. 421
- Amino acid fortification of protein foods. 482
- Notebook on soy: Florida's questions on soy. 647
- The development of a national nutrition policy. 680
- Philosophy and guidelines for nutritional standards for processed foods. 714
- Applesauce can be perfect food for

- vitamin C fortification. 1792
- Exploring different ways of meeting nutritional needs. 1841
- Food fortification: some visible and invisible cost considerations. 1853
- Fertilized foods: the next revolution. 1857
- Fertilizing soft drinks with cheese whey protein. 1858
- Notebook on soy: why 'engineered' feeds at school. 1899
- Nutritification. 1901
- Should we or shouldn't we fortify feed? 1934

FORTIFIED FOODS

- Communicating with the consumer: natural and synthetic nutrients. 6
- Supplemental proteins: does the U.S. diet really need it? 506
- Dehydrated protein-fortified fruit juices. 1822
- Development aids: diverse product applications identified for unique flavored protein products. 1824
- Meat bottle chosen first product to gain nutritional, textural advantages of new protein flour. 1878
- Nutrition notes: where are we going with school feeding? 1902
- Nutrition upgraded, final texture controlled using new structured protein fiber. 1903
- Should we or shouldn't we fortify feed? 1934

FRANCHISES

- Franchising in perspective. 830

FRANKFURTERS

- The degegne truth about hot dogs. 153
- Frankfurters without nitrates or nitrites. 1859

FREE BREAKFAST

- Focusing on feeding kids. 2003

FREE LUNCHEAS

- California states its position. 102
- A.D.A. supports school food service in testimony before congressional committees. 670
- A.D.A. testimony on school lunch before House of Representatives' committee. 671
- Changes in the law and new legislation--What it means. 677
- Public Law 91-248, 91st Congress, H.R. 515. 723
- Children's food service programs - conference report. 726
- Frozen pre-plated meals solve problem of feeding underprivileged pupils. 1434
- 'Heat and potatoes' and tacos, too!. 1969
- Their dilly bread. 1984
- Feeding America's children at school. 2001
- Focusing on feeding kids. 2003
- Food for all school children: when? 2004
- How the District feeds its kids. 2009
- L.A. kids get hot meals this summer; their grandparents get something, too. 2014
- The lunch bunch study. 2019
- A guide to food programs in Montgomery County. 2027
- Nobody knows who pays. 2030
- The status of school foodservice: part I. 2066
- Stinging attack blasts school lunch programs. 2067
- A study of school feeding programs - I. Economic eligibility and nutritional need -II. Effects on children with different economic and nutritional needs. 2068
- Food service in private elementary and secondary schools. 2082
- Food service in the nation's schools: a preliminary report. 2084

FREEZE-DRIED FOODS

- New foods for a new decade. 1890
- Quality evaluation of canned and freeze-dried applesauce. 1925

FREEZERS

- The freezers that stay out in the cold. 1577
- Dispensing freezers including recommendations for installation. 1628
- Food service refrigerators and food service storage freezers. 1632
- Refrigeration: the 24-hour-a-day workhorse. 1657
- Fast-freezing the DU way. 2307

FREEZING

Is your cold storage adequate? 2313
Storage specifics. 2362

FREEZING
Frozen food standards and regulations--an industry view. 688
Freezing combination main dishes. 1526
Cooling it. 1557
Cryogenic freezing comes of age. 1815
Dip process for IQF fruit eliminates syrup but retains flavor, color of fresh. 1829
Fast-freezing the OU way. 2307
The freezing preservation of foods. 2350

FREQUENCY OF FEEDING
Diet as a regulator of metabolism. 141
Effects of frequency of eating - part 2. 164
Frequency of feeding, weight reduction, and body composition. 214
Frequency of feeding, weight reduction, and nutrient utilization. 215

FRESH FOODS
Selection and care of fresh fruits and vegetables: A consumer's guide. 44
Food selection and service (Transparencies). 1101
Saled preparation (Film loop). 1503
Cold food handling (Film loop). 1704
Food purchasing. 2309
Quantity food purchasing. 2315
Buying, handling and using fresh vegetables. 2332
Buying, handling and using fresh fruits. 2333
How to buy for school lunch. 2334
When you advertise: fresh fruits and vegetables. 2357
Conserving nutrients in handling, storing and preparing fresh fruits and vegetables. 2359

FROSTINGS
Use of lowfat dairy spread in sodium white sauce and plain white frosting. 1530

FROZEN DESSERTS
Dispensing freezers including recommendations for installation. 1628
Development and consumer evaluation of soft-serve frozen desserts. 1826
Creative ways with soft serve. 1824
Purchasing dairy products for food service establishments. 2324

FROZEN FOODS
FF industry must gain consumers' confidence in nutrition values. 15
Effect of storage and other variables on composition of frozen broccoli. 162
Eliminating warmed-over flavor in pre-cooked food. 165
Microbiology of frozen cream-type pies, frozen cooked--peeled shrimp and dry food--grade distill. 305
Nutritive analysis of frozen fully cooked institutional foods. 430
Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
The big debate: should FF be fortified? 672
FF packers under the gun to meet nutritional labeling deadlines. 684
Frozen dinner nutritional contents equated with government guidelines. 687
Frozen food standards and regulations--an industry view. 688
Consumers rate frozen cuts equal to fresh meat in flavor, juiciness. 788
FF per capita consumption hits 72.9 lbs. a year. 915
FF service companies vie for share of 5 million school lunch programs. 816
A feedservice system that works. 828
Retail frozen food sales by state. 935
School lunch program becomes big factor for frozen meat firm. 949
Small day care centers laud as giant market for frozen prepared lunches. 954
Breakfast the convenient way. 1322
Frozen entrees for everyone? 1332
Akron schools get A for achievement with frozen type A lunches. 1376
Convenience--to use or not to use? 1405
The ease of working merchandising magic with food food - new life for faded menus. 1415
Effect of thawing and holding on acceptability of frozen peaches. 1417
Food service managers locate FF easily:

It's making a choice that's difficult. 1426
Food systems are providing hot lunches for Massachusetts school children. 1427
Frozen meals, individually prepared in foil packs, cut costs by 35%. 1433
Frozen pre-plated meals solve problem of feeding underprivileged pupils. 1434
In cove merchandising, easy does it!. 1453
Kids are eating "airline" lunches. 1457
Frozen foods in food service establishments. 1461
Peconic Produce increases FF volume by selling a convenience concept. 1487
Convenience and fast food handbook. 1521
U.S. families still preserve food at home. 1529
Versatile potatoes increase menu variety, while low cost augments profit margin. 1536
Modula heats 24 different types FF, meals separately, simultaneously. 1613
Reconstituting ovens: for foods at the top of the "raw-to-ready" scale. 1656
Second-generation reconstitution systems. 1661
Self-service juice dispensers evaluated: frozen juices most economical, efficient. 1662
Weaver speeds chicken processing with giant microwave system. 1683
The complete book of cooking equipment. 1687
Cleanliness and storage (Film loop). 1702
Cold food handling (Film loop). 1704
The microbiology of frozen vegetables. 1745
Simplified food preparation systems - their impact on your sanitation systems. 1777
Are U.S. dairymen overlooking potential of frozen milk concentrates market? 1793
Assay of sodium ion content of frozen convenience foods. 1794
Better frozen product protection indicated in testing of poly-to-poly carton seals. 1797
Components versus seals. 1808
A convenience compass. 1811
Custard sauces made with four types of processed eggs. 1814
Defrost indicators. 1821
Dip process for IQF fruit eliminates syrup but retains flavor, color of fresh. 1829
Effect of packaging methods on frozen asparagus. 1834
Egg solids: making the convenient more convenient. 1838
An evaluation of frozen food indicators now on the market. 1839
Freezing activates temperature device which warns of product mishandling. 1860
Frozen foods participate in organic foods boom. 1861
Frozen, precooked rice shapes suitable for all markets. 1862
Further processed, precooked frozen meats growing at better than 20% annually. 1863
Integral heating system reconstitutes frozen meals in 15 minutes. 1871
Introduction of OJ-related products strikes some sour notes in industry. 1872
Microwave adapter permits frozen foods in foil containers to heat in minutes. 1882
Palatability of meat after low temperature roasting and frozen storage. 1908
Peppaya purée: a tropical flavor ingredient. 1909
Processing frozen breads. 1920
Reconstituting pre-cooked frozen meats with integral heat. 1927
A revolution in meat roasting. 1928
Soy-whey-milk offers economic substitute for frozen whole milk concentrate. 1938
Stability of gravies to freezing. 1940
Why not standardize institutional prepared frozen food packaging? 1965
Convenience food systems: Sacramento develops a sealconvenience system.

1986
Extended child-feeding projects will mean more use of FF. 1997
Put egg in your pizza. 2159
"Quality first" at Texas AGM. 2298
Choosing free alternatives in expanding storage space for frozen food. 2304
Food purchasing. 2309
Handling fresh frozen cut-up chickens. 2311
Using storage in food service establishments. 2323
Care and handling of prepared frozen foods in food service establishments. 2328
Meat purchasing. 2329
Potatoes made easy for school lunch. 2339
A review of frozen entrees at the peak of the "raw-to-ready" scale. 2343
The freezing preservation of foods. 2350
Cold and freezer storage manual. 2364
You and your frozen-food distributor. 2365

FRUIT JUICES
Breakfast the convenient way. 1322
Dehydrated protein-fortified fruit juices. 1822
Introduction of OJ-related products strikes some sour notes in industry. 1872
Orange juice studied. 2042

FRUITS
Nectarines. 43
Selection and care of fresh fruits and vegetables: A consumer's guide. 44
Basic values in nutrition: part II: vegetable-fruit group (Transparencies). 79
Food purchasing practices of young families. 207
Fruit and vegetable acceptance by students - factors in acceptance and performance. 216
Mulligan stew: The great nutrition turn on (Motion picture). 323
Mulligan stew: the great nutrition turn on (Videocassette). 326
Jane and Jimmy learn about fresh fruits and vegetables. 569
How the fresh fruit and vegetable marketing system contributes to optimum nutrition. 570
A ciling peach kalaidescopic. 631
The perfect prune: a 1970 market report. 654
Gallus pinpoints tastes for fresh citrus fruits. 839
Murray for the clockwork orange!. 1452
Whets and whys of cup-can. 1542
Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1827
Dip process for IQF fruit eliminates syrup but retains flavor, color of fresh. 1829
Explosion-puffed apples are commercially feasible. 1842
Quality evaluation of canned and freeze-dried applesauce. 1925
Sugar, acid, and flavor in fresh fruits. 1943
Containers. 1959
Feeding the elderly: the baby of school lunch. 2009
The fair pear. 2127
Nutritive value of fruits and vegetables. 2253
"Quality first" at Texas AGM. 2298
Purchasing canned fruits and vegetables for food service establishments. 2325
Buying, handling and using fresh fruits. 2333
Handling, transportation, and storage of fruits and vegetables. 2345
Toward the new. 2353
When you advertise: fresh fruits and vegetables. 2357
Conserving nutrients in handling, storing and preparing fresh fruits and vegetables. 2359

FRYING, DEEP FAT
Degradation of linoleic acid during potato frying. 136
Consumer considerations: deep-fried foods. 787
Favorite deep-fried fare. 817
How to train a fry chef. 1120
Food training routines II. 1143
The ABC's of frying...A profit primer: breading and batter mixes; why throw

- away frying fats: in frying, system is everything: frying equipment. 1373
 Afri-Kingdom fried chicken system. 1374
 Deep fat frying (Motion picture). 1413
 Understanding cooking. 1459
 New foods for the fry kettle. 1473
 A portfolio of kitchen fundamentals. 1488
 Convenience and fast food handbook. 1521
 The 10 cooking, heating and reconstituting applications: part 4. 1546
 Care and use tips for gas-fired fry kettles. 1559
 Is your fry kettle capacity adequate? 1598
 Our evolving technology. 1647
 Novel process controls quality variables for French fried potatoes - extends shelf life of potato chips. 1900
 Sensory evaluation of breaded, deep-fried turnip slices. 1931
 Texturizing process improves quality of baked French fried potatoes. 1951
 Almond shrimp from the shell of the sea. 2107
 Fry away to profits: don't let your fry kettle idle. 2142
 Shopping for shortening. 2346
- GARNISHES**
 Glorious garnishes: focus on foods Aug 1. 1435
 Murray for the clockwork orange. 1452
- GASTROINTESTINAL DISORDERS**
 Intestinal malabsorption (Slides). 259
- GASTROINTESTINAL TRACT**
 Yogurt: is it truly Adelle's 3 vitamins? 615
- GELATIN**
 Microbiology of frozen cream--types, frozen cooked--beefed shrimp and dry food--grade gelatin. 305
 Puddings and other delicious things. 657
 Oklahoma school lunch desserts. 1203
 Gelatin used (Film loop). 1435
 Ideas that gel. 2145
- GENERAL EDUCATIONAL DEVELOPMENT**
 State department of education policies. 754
 College accreditation policies for nontraditional education. 755
 Handbook for official GED Centers. 756
 Opportunities for educational and vocational advancement. 1016
 Granting credit for service school training. 1015
 Examiner's manual for the tests of general educational development. 1019
 Back-to-schoolers earn diplomas. 1033
 The non-high-school-graduate adult in college and his success as predicted by the tests of general educational development. 1079
 Official GED Centers. 2196
- GENETIC ENGINEERING**
 Genetic improvement of crop foods. 1865
- GENETICS**
 Current saccharin actions place added stress on need for a non-nutritive sweetener. 1815
- GEORGIA**
 Action on teenage nutrition. 50
 An application of instructional development in a state department of education. 1028
 A school foodservice professional speaks out. 2093
 The year-round school: faddish or feasible. 2297
- GERIATRIC DIETS**
 Feeding the elderly: the baby of school lunch. 2003
- GRADUATE STUDY**
 The master of science program in nutrition. 1154
 The master's program in public health nutrition. 1155
- GRAIN PRODUCTS**
 Basic values in nutrition: part III: bread-cereal group (Transparencies). 80
 Food uses of triticale. 209
 Linear programming controls amino acid balance in food nutrition. 280
 Nutritional improvement and world health potential. 421
 Gallup surveys the breakfast cereal bowl. 543
 Cereal service: breakfast and beyond. 1397
 Cereal grains as dietary protein sources. 1801
 Extrusion cooking of cereals and soybeans - part I. 1844
 Extrusion cooking of cereals and soybeans - part II. 1845
 Genetic improvement of crop foods. 1865
 Meeting future needs. 1879
 Conversion factors and technical data for the food industry. 2259
- GRAVIES**
 Co-existence: surplus commodities and convenience foods. 1400
 Factors affecting the quality of sauces (gravies). 1420
- GREAT BRITAIN**
 Recommended intakes of nutrients for the United Kingdom. 468
 Effects of some new production and processing methods on nutritive values. 1837
- GRIEVANCE PROCEDURES**
 Contract clauses: Grievances. 789
- GRILLING**
 Food training routines II. 1143
 The hamburger sandwich (Film Loop). 141
 Our evolving technology. 1647
 The finishing kitchen. 1686
- GROUP DYNAMICS**
 Behavior modification in a self-help group - a pilot study. 86
 Motivation and productivity. 892
 New concepts in management. 960
 Dynamic "Think" sessions - Summary of brainstorming groups. 1073
 Participant reactor discussion groups. 1210
 Techniques of group involvement. 1258
- GUIDANCE**
 Behavioral and metabolic consequences of weight reduction. 88
 Profitable food service management through counselling and intercommunication. 898
 Lunch-room etiquette (Motion picture). 1152
- GUIDELINES**
 Nutritional guidelines - the how, the why, and the when. 704
 Nutritional guidelines and the labeling of foods. 705
 The message is you. 1156
 The message is you - guidelines for preparing presentations, part three. 1157
 The message is you, part II. 1158
 Community action: adult education. 1247
 A menu planning guide for breakfast at school. 1365
 Breakfast program in schools receives wide acceptance. 1978
- GUIDES**
 Guide to federal consumer services. 41
 A guide to nutrition and food service for nursing homes and homes for the aged. 566
 A sensational sausage system that sells. 659
 Meat evaluation handbook. 898
 A guide to nutrition and food service for nursing homes and homes for the aged. 986
 Manual for the education of the food service supervisor, part one of two-part series. 1023
 Manual for the education of the food service supervisor--part one of two-part series. 1022
 Food training routines. 1142
 Handbook of food preparation. 1380
 Electric steam-jacketed kettles run the gamut of meal production. 1571
 Functional merchandising with infrared warmers. 1578
 How to relieve the chronic labor shortage with electric steam cookers. 1589
 Is your fry kettle capacity adequate? 1598
 Is your oven capacity adequate? 1603
 New models 1971 - coffee brewers, serving equipment, toasters. 1640
 Now the trend is to waste compactors. 1645
 Preparation-processing - part 2. 1651
 Quality food service must bridge the temperature gap between cooking and serving. 1655
 Systems support with key processing equipment. 1675
 You can help fight hunger in America. 2089
 Child nutrition programs. 2090
 You can help fight hunger in America. 2092
 Let's cook fish. 2174
 Recipe index 1970. 2232
 The New York Times guide to continuing education in America. 2274
 School food purchasing guide. 2299
 Quantity food purchasing guide. 2301
 Is your cold storage adequate? 2313
- HAITI**
 Child spacing as a part of nutrition education programs. 1051
- HAMBURGERS**
 Sixty hamburgers later...Newspaperman researches America's favorite food. 661
 Ground beef: passport to far-away eating (Filmstrip). 1440
 The hamburger sandwich (Film Loop). 1441
 Hamburgers (Film loop). 1442
 Burger-type products from textured skim milk curd. 1799
 Meat patty chosen first product to gain nutritional, textural advantages of new protein fiber. 1878
- HANDBOOKS**
 Colorado school lunch handbook. 778
 Handbook of twenty consecutive menus as submitted by Utah districts. 1367
- HANDICAPPED CHILDREN**
 Feeding the child with a handicap. 562
 Training the handicapped. 1273
 School lunch in High Point: a community pride. 2055
- HAWAII**
 A half century of changing food habits among Japanese in Hawaii. 231
 Nutrition education practices in elementary schools in Hawaii. 397
- HEAD START**
 Nutrition: Between eating for a Head Start. 551
 Nutrition instructors guide for training leaders. 552
 Nutrition education for young children. 553
 Nutrition-staff training programs. 554
 Leader's handbook for a nutrition and food course. 555
 Changing Head Start mothers' food attitudes and practices. 1050
 High protein feed developed for school children. 1867
 Food to follow through. 2006
 Head Start: A child development program. 2085
 Parent involvement. 2086
 Food buying guide and recipes. 2356
- HEALTH**
 Food - the yearbook of Agriculture 1959. 39
 Exercise testing and training of apparently healthy individuals: a handbook for physicians. 62
 Disadvantaged children. 94
 Nutrition. 111
 The family guide to better food and better health. 138
 Diet healing: a case study in the sociology of health. 142
 Nutrition, behavior, and change. 225
 Men, health, and environment. 230
 The Heinz handbook of nutrition. 234
 Food becomes you or better health through better nutrition. 279
 Studies in disease ecology. 301
 Symposium papers on food and health. 367
 Research on diet and behavior. 471
 An evaluation of research in the United States on human nutrition. 536
 Trace elements in human and animal nutrition. 567
 White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
 White House conference on food, nutrition and health: Final report. 606
 Elementary body mechanics (Film loop). 1082
 Integrating nutrition into the nursing curriculum. 1129
 The food service worker (Film loop). 1713
 Nutrition services in child health programs. 2036
 Summer programs offer 'three squares'.

HEALTH EDUCATION

- 2073
The White House Conference on Children.
2102
- HEALTH EDUCATION**
Dudley the Dragon. 61
A balanced diet (Film loop). 73
Your heart has nine lives. 95
Nutrition and physical fitness. 97
Doing great things (Motion picture).
154
Focus on optimal development: improving
child nutrition. 105
Food guides (Film loop). 200
Nutrition in action. 293
Health education guide. 310
How we take care of our teeth. 331
A boy and his physique. 333
Doing better at work and play. 343
How children grow. 358
Nutrition and health-screening services
for the elderly - report of a demonstra-
tion project. 352
Food choices: the teen-age girl. 402
Nutrition-related health practices and
opinions. 417
Sense and nonsense about health foods.
467
Malnutrition and intestinal parasites.
498
School lunch and the curriculum. 591
The mouse and the astronaut. 594
Integrating nutrition into the nursing
curriculum. 1129
What will I be from A to Z. 1167
Health education - a conceptual ap-
proach. 1229
Sequential K-12 courses replace old
style "health". 1236
Accidents don't happen (Filmstrip).
1694
Keep clean, stay well (Motion picture).
1729
An ounce of prevention (Filmstrip).
1755
Safe food (Motion picture). 1763
Safe food (Motion picture). 1764
Sanitation: Rules make sense (Film
loop). 1771
Sanitation: Rules make sense (Motion
picture). 1772
Slim's tale - a summer nutrition program
for underprivileged teen-age girls.
2061
Community action: health programs.
2093
Allied health education programs in
junior colleges/1970. 2293
- HEALTH OCCUPATIONS**
Nursing homes and related health care
facilities. 2297
- HEARINGS**
Nutrition education--1972 hearings.
Ninety-Second Congress, second session.
549
Hearings, Ninety-second Congress, first
session, on nutrition and human needs.
727
Hearings, Ninety-second Congress, first
session, on nutrition and human needs.
728
Hearings, Ninety-second Congress, first
session, on nutrition and human needs.
729
Hearings, Ninety-second Congress, first
session, on nutrition and human needs.
730
- HEIGHT-WEIGHT TABLES**
Screening children for nutritional
status. 550
- HIGHER EDUCATION**
Applying learning theory in teaching
nutrition. 68
Programmed nutrition. 229
Science of home economics and institu-
tional management. 933
Opportunities for educational and voca-
tional advancement. 1016
Continuing education in nutrition.
1050
Dietetic training '73. 1070
The non-high-school-graduate adult in
college and his success as predicted by
the tests of general educational devel-
opment. 1079
Exemption of students for first courses
in food and nutrition. 1085
The first year of a coordinated under-
graduate program in food systems man-
agement. 1091
Education and training for industry -
volume I. 1127
Is there need for change? Round table

- discussion. 1135
The master of science program in nutri-
tion. 1154
The master's program in public health
nutrition. 1155
Nutrition education survey: preliminary
results. 1193
Proceedings of a symposium: nutrition
education at the undergraduate and
master's degree level. 1217
Programmed instruction in basic nutri-
tion for college students. 1218
Your future in food science. 1239
Teaching nutrition in the medical sch-
ool. 1255
Undergraduate education in dietetics.
1296
Undergraduate education in public health
nutrition. 1297
Undergraduate training in nutritional
science. 1298
Educational opportunity bank. 2044
The college blue book. 2217
Directory of files for data education.
2275
- HISTORY**
Nectarines. 43
The great nutrition puzzle. 103
Complete teaching kit on cheese (Film-
strip). 122
Teaching nutrition. 168
Iron, blood, and nutrition. 265
Nutritional adequacy, preference, acco-
modability, and food production aspects
of hot and cold school lunches. 294
Staphylococcus food poisoning. 309
Food science and how it began. 334
The great vitamin mystery. 337
Animals that give people milk. 344
Nutrition and school food service,
state of New Mexico. 365
Men and food. 465
Food and nutrition. 485
Nutrition education research project -
report of phase I. 532
Ten-state nutrition survey, 1968-1970.
564
Alexis Sayer. 622
The ancient melen pops up modern menus.
623
Food service equipment industry. 624
Ice cream. 625
The berries with bounce. 626
Tea & coffee. 627
Food in antiquity. 628
Chocolate: the Aztec's brown gold. 630
The commodities controversy: food for
your lunch. 632
The American and his food. 633
The cup-can approach. 634
Fountain of life and hope (Motion pic-
ture) (Spanish). 637
The Patent Office. 639
The hotel and restaurant business. 642
Hello U.S.A. 644
The new era in nutrition. 646
Notes on the history of nutrition in
America. 650
Peanuts: the first snack food. 653
Puddings and other delicious things.
657
Review of basic nutrition concepts.
658
The shady, saucy tomato. 660
National School Lunch Program. 665
Ory olens. 666
Peanuts: production, processing, produ-
cts. 668
Some considerations for nutritional
labeling. 718
Hearings, Ninety-second Congress, first
session, on nutrition and human needs.
727
Will customers really use the label?
746
A new era in school food service. 908
Marketing in action for hotels, motels,
restaurants. 967
Food service in industry and institu-
tions. 970
School lunches: a billion-dollar market
for food. 983
How we started students on successful
foodservice careers. 1039
Status of curriculum development in the
field of commercial food at the non-
baccalaureate level. 1062
A food service supervisor's course on a
college campus. 1180
Vitamins end you (Filmstrip). 1302
The past is present. 1483
Soda fountain and luncheonette equip-

- ent. 1631
Salmonellosis. 1747
Feeding America's children at school.
2001
If we had hair, we could have ham and
eggs - if we had eggs. 2005
Profiles in quality education. 2095
- HOME ECONOMICS**
Professionalism. 926
Science of home economics and institu-
tional management. 933
Computer-assisted instruction in home
economics. 1056
Improving the nonverbal dimension of
communication. 1123
A post-high school program in child
care services. 1294
Science fundamentals: a background for
household equipment. 1689
Home economics research abstracts: 2.
Institution administration. 2199
Handbook of household equipment termi-
nology. 2200
- HOME ECONOMICS EDUCATION**
Attitudes of aides and clients in the
expanded nutrition program. 71
Shopping practices of low-income groups
for convenience foods. 491
Unified approaches toward nutrition on
Education through School Food School and
Home Economics Education. 568
Toward better teaching of home econo-
mics. 1093
Writing their own menus. 1370
Safety in the kitchen (Transparencies).
1765
Sanitary storage and collection of
refuse (Motion picture). 1767
Sanitation in the kitchen (Transparen-
cies). 1769
Mothercraft Centers combine nutrition
and social sciences. 2020
- HOME ECONOMICS TEACHERS**
Attitudes of aides and clients in the
expanded nutrition program. 71
The use of simulation techniques by
prospective home economics student
teachers. 1299
- HOME MANAGEMENT**
Microwave cooking in meal management.
1465
The role of range hoods in maintaining
residential air quality. 1659
Files, filth, and food (Film loop).
1709
Food purchasing practices. 2348
- HOMEMAKING SKILLS**
Nutrition. 540
Breads, cakes, and pies in family me-
als. 1525
Frazzling combination main dishes. 1526
- HONOLULU**
Diet and nutrition of preschool child-
ren in Honolulu - survey of low- and
middle-income families. 140
Food intake of infants attending well-
baby clinics in Honolulu. 203
- HOSPITAL FOOD SERVICE**
Food, nutrition and diet therapy. 274
Nutrition education is behavioral chan-
ge. 396
Observations on the use of a supplemen-
tal beverage. 435
Textured vegetable protein...solution to
institutional dietary problems? 521
Food service manual for health care
institutions. 757
The dynamics of systems dialogue. 806
Man-machine productivity of dishwashing
operations in hospitals. 880
St. Luke's & the computer. 964
A guide to nutrition and food service
for nursing homes and homes for the
aged. 986
A "fair" way to teach nutrition. 1011
A study guide for the food service
supervisor. 1021
Manual for the education of the food
service supervisor---part one of two-
part series. 1022
Food service orientation (Film loop).
1102
Hospital cooks correspondence course
(an in-service training plan) 1969.
1113
Hospital dishwashing (Film loop). 1114
Bases for vocational education for food
service industry employees. 1134
Recognizing food spoilage (Film loop).
1223
The training of ancillary staff in
hospitals. 1242

- Training the food service worker (Kit). 1272
 Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1330
 You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
 Nursing home menu planning. Food purchasing and management. 1372
 Hospital food handling (Film loop). 1446
 A practical formula for successful wine business. 1492
 Preventing food spoilage (Film loop). 1495
 Hospital study of patient feeding on single service. 1654
 Cleaning and sanitizing (Film loop). 1699
 Cold food handling (Film loop). 1704
 Control of ants, flies and mosquitoes (Film loop). 1705
 Control of rats and mice (Film loop). 1706
 Handwashing procedures (Film loop). 1720
 Hospital food sanitation. (Film loop). 1721
 Hospital kitchen safety (Film loop). 1722
 Identification and control of roaches (Film loop). 1724
 Standards of cleanliness (Film loop). 1778
- HOTELS**
 The hotel and restaurant business. 642
 Managerial accounting for the hospitality services industries. 818
 The management of people in hotels, restaurants, and clubs. 878
 Marketing in action for hotels, motels, restaurants. 967
 The science of housekeeping. 982
 The 3C's of atmosphere. II. 1588
 The 3C's of atmosphere. I. 1659
- HUNGER**
 Hunger. U.S.A. 119
 Focus on nutrition...You can't teach a hungry child. 2. 184
 How can we solve malnutrition in the U.S.? 242
 Hunger and malnutrition - whose responsibility? 249
 If you want to beautify America, feed a child. 250
 Now, how about child day everyday? 373
 F.L.C. and the hungry child. 509
 You can't teach a hungry child. I lunch survey. 619
 Attack on starvation. 535
 Overcoming world hunger. 652
 The case against hunger. 690
 WSB on the hunger front. 1960
 The lunch bunch study. 2019
 You can help fight hunger in America. 2089
 You can help fight hunger in America. 2092
- HYDROXYPROLINE INDEX**
 Nutritional status of Negro preschool children in Mississippi - evaluation of HOP index. 425
- HYGIENE**
 Nutrition for athletes: A handbook for coaches. 52
 Exercise testing and training of apparently healthy individuals: a handbook for physicians. 52
 Encyclopedie moderne de l'hygiene alimentaire. 276
 How we take care of our teeth. 331
 A boy and his physique. 333
 Food and care for dental health. 340
 Food service orientation (Film loop). 1102
 Lunch-room etiquette (Motion picture). 1152
 Write your own ticket (Filmslides/Record). 1315
 Cleanliness and safety (Film loop). 1700
 Cleanliness and safety (Film loop). 1701
 Food preparation (Motion picture). 1712
 The food service worker (Film loop). 1713
 Food, hands, and bacteria. 1717
 Handwashing procedures (Film loop). 1720
 Hospital food sanitation. (Film loop).
- 1721
 Keep clean, stay well (Motion picture). 1729
 Kitchen habits (Motion picture). 1732
 Safety and sanitation. 1754
 An Outbreak of *Staphylococcus* intoxication (Motion picture). 1756
 Sanitation for food service workers. 1761
 Safety is up to you (Filmslip). 1766
 Serving food (Motion picture). 1775
 Standards of cleanliness (Film loop). 1778
 The Unwanted four: germs that cause food poisoning (Films-trip/Record). 1783
 Washing-up: Part 1 (Slides). 1786
 Washing-up: Part 2 (Slides). 1787
- HYPOGLYCEMIA**
 The dramatic story of PKU. 155
- ICE CREAM**
 Ice cream. 625
 Better heat shock resistance and extrudability in ice creams with microcrystalline cellulose. 1798
 Creative ways with soft serve. 2124
 Ice cream cocktails: a profit potential. 2144
- ICE MAKING EQUIPMENT**
 Automatic ice making equipment. 1616
- ILLINOIS**
 The year-round school: faddish or feasible. 2297
- INCOME GROUPS**
 Food habits of low-income children in northern New York. 201
- INDEPENDENT STUDY**
 Innovations in nutrition education: programs and methods. 1125
- INDIANA**
 Development of evaluative procedures for assessing operational efficiency of school food services. 447
- INDICATORS**
 Defrost indicators. 1821
 Freezing activates temperature device which warns of product mishandling. 1860
- INDIVIDUAL DEVELOPMENT**
 The mid-life crisis. I. 889
- INDIVIDUALIZED INSTRUCTION**
 Computer assisted instruction: a government viewpoint. 1055
 Techniques for effective teaching. 1169
 Teaching with computers. 1256
 Work simplification in food service (Slides). 1315
- INFANT DIETS**
 Commercialized malnutrition?--time for a dialogue. 120
 Dietary protein quality in infants and children - VII. corn-soy-wheat macaroni. 149
 Nutrition for young minds. 400
 Safety is up to you (Filmslip). 1766
 Commercially prepared strained and junior foods for infants. 2219
- INFANT FEEDING**
 Communicating with the consumer: nutrition for a good start. 121
- INFANTS TO 2 YEARS**
 Communicating with the consumer: nutrition for a good start. 121
 Feed intake of infants attending well-baby clinics in Honolulu. 203
 Help for malnourished children in Latin America. 235
 Improving nutrition in less developed areas. 254
 Iron-deficiency anemia in infants and preschool children. 265
 Nutrition in a maternity and infant care project. 407
 Protein food mixture for Iran - acceptability and tolerance in infants and preschool children. 458
 Protein requirements of preadolescent girls. 460
 Prevention of iron-deficiency anemia in infants and children of preschool age. 559
 Nutrition and feeding of infants and children under three in group day care. 561
 Vitamin A and iron in infants' diets in Israel. 578
 Why school lunch fails. 2103
- INFLUENCES ON NUTRITION**
 The lunch bunch study. 131
 Dietary intake and physical development of Phoenix area children. 147
- Introduction to nutrition. 162
 Food and nutrient intake of children from birth to four years of age. 190
 Nutrition, behavior, and change. 225
 Encyclopedie moderne de l'hygiene alimentaire. 276
 Nutrition in action. 293
 Weight control service book. 339
 Nutrition and "the pill". 379
 Food, science, and society. 401
 Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426
 The price of civilization. 455
 Puerto Rican food habits: a color slide set (Slides). 463
 Man and food. 465
 Socio-cultural basis of food habits. 492
 Sustained behavioral change. 508
 Nutritional knowledge and consumer use of dairy products in urban areas of the South. 518
 Food use and potential nutritional level of 1,225 Texas families. 519
 Dietary levels of households in the United States, spring 1965. 545
 Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
 How the fresh fruit and vegetable marketing system contributes to optimum nutrition. 570
 What influences malnutrition? 571
 When the Eskimo comes to town. 603
 Health education - a conceptual approach. 1229
 A study of school feeding programs - I. Economic eligibility and nutritional need - II. Effects on children with different economic and nutritional needs. 2068
 Food habits: a selected annotated bibliography. 2229
 Composition of foods. 2280
- INFORMATION CENTERS**
 Communicating with the consumer: food and nutrition press information service. 5
 National Data Center for Food Composition. 2251
- INFORMATION EXPLOSION**
 The challenge of change (Motion Picture). 2212
- INFORMATION NEEDS**
 Communicating with the consumer: food and nutrition press information service. 5
 How to organize training information. 1119
 How to lay your hands on information. 2238
- INFORMATION PROCESSING**
 Communicating with the consumer: food and nutrition press information service. 5
 Standards for cataloging nonprint materials. 2203
- INFORMATION SCIENCE**
 NUCCINS: nutrition consumer information system. 329
 Career discoveries: People who organize facts (Filmslides). 1045
 Documentation in education. 2210
 Non-book materials: the organization of integrated collections. 2211
 The challenge of change (Motion Picture). 2212
 AV cataloging and processing simplified. 2244
 A guide to nutrition terminology for indexing and retrieval. 2276
- INFORMATION SERVICES**
 Communicating with the consumer: food and nutrition press information service. 5
 NUCCINS: nutrition consumer information system. 329
 Publications list and research reference. 548
 How to get into the news. 855
 The media bureaucracy. 887
 How to organize training information. 1119
 Project on foods and nutrition services in the Public Schools (in North Carolina). 2048
 American library directory 1970-1971. 2202
 Federal library resources. 2205
 Documentation in education. 2210

INFORMATION SYSTEMS

University of Colorado Libraries programed textbook. 2218
Computer-based abstract service now available. 2220
Help: - convenience feed report Aug 1. 2235
How to pay your hands on information. 2238
Directory of information resources in agriculture and biology. 2252
Directory of educational information centers. 2290

INFORMATION SYSTEMS

Managerial accounting for the hospitality service industries. 818
Review and analysis of curricula for occupations in food processing and distribution. 1074
Standards for cataloging nonprint materials. 2293
The innovative diffusion center: a potential concept to accelerate educational change. 2242
Directory of information resources in agriculture and biology. 2252

INGREDIENTS

Discult manufacture. 1544
Considerations in formulating and producing vegetable fat--based dairy substitutes. 1809
Conversion factors and technical data for the food industry. 2259

INSECT CONTROL

Control of ants, flies and mosquitoes (File loop). 1735
Flies, filth, and food (File loop). 1709
Identification and control of roaches (File loop). 1724
Sanitation: Rodent and insect control (File loop). 1772

INSERT PANS

New dimensions in aluminum disposable. 1634

INSERVICE COURSES

A guide to the evaluation of educational experiences in the armed services. 1017
How to purchase for school lunch. 1176
Food purchasing: study guide. 2344

INSERVICE EDUCATION

Materials and methods in nutrition education. 183
Nutrition education and the related management processes. 306
Nutrition education: Nutrition delivery systems and the management function. 372
Innovative approaches to nutrition education and related management processes. 499
Nutrition-staff training programs. 554
Nutrition education in the school food service: challenge, change, and commitment. 592
Innovative management for the expanding school food service program. 310
Management functions for state and system level school and non school food service administrators. 958
Management function of a centralized school food service system. 959
New concepts in management. 960
School food service management development program: Manual, advanced course. 1001
Manual for the education of the food service supervisor, part one of two-part series. 1020
Manual for the education of the food service supervisor--part one of two-part series. 1022
An application of instructional development in a state department of education. 1028
Subjective evaluation of an experimental training program for food service personnel. 1037
Effects of an experimental training program for food service personnel. 1041
Selected attitudes of food service personnel participating in two methods of training. 1072
Instructor's outline for foundations of school food service. 1094
A foundation for in-service success. 1104
Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122

Techniques of main dish preparation. 1138
Techniques of main dish preparation. 1139
Analysis of tests used to evaluate a training program for food service personnel. 1141
Development of an instrument to evaluate the effect of a school lunch training program. 1148
The long view. 1151
Employee training in food service establishments. 1153
Retention of learning two years after an experimental training program for food service personnel. 1159
A food service supervisor's course on a college campus. 1180
Some aspects of an experimental training program for food service personnel. 1182
Management I. 1201
Oklahoma school lunch course of study. 1202
Oklahoma school lunch desserts. 1203
The training of ancillary staff in hospitals. 1242
A critical evaluation of in-service training for classified employees in selected educational organizations in the United States. 1246
Training can be professional. 1268
School lunch leadership training conference. 1275
Food and nutrition: a problem-centered approach. 1277
School food service management development program: Manual, intermediate course. 1313
Food preparation: study course. 1414
Food preparation for school food service personnel. 1436
Salads and vegetables. 1478
Food sanitation: study course. 1728
Sanitary food service. 1782
The innovative diffusion center: a potential concept to accelerate educational change. 2242

INSERVICE PROGRAMS
Hospital cooks correspondence course (an in-service training plan) 1969. 1113
Subjective evaluation of an experimental training program for food service personnel. 1250
Training can be professional. 1268
As others see us. 1973

INSTITUTES (TRAINING PROGRAMS)
Continuing education conferences. 1059
The relationship of federal agencies to food science progress at the universities. 1226

INSTITUTIONAL ADMINISTRATION
Home economics research abstracts: 2. Institution administration. 2199

INSTITUTIONAL FEEDING
Nutritive analysis of frozen fully cooked institutional foods. 430
Observations on the use of a supplemental beverage. 435
Textured vegetable protein... solution to institutional dietary problems? 521
Food selection for good nutrition in group feeding. 541
A guide to nutrition and food service for nursing homes and homes for the aged. 566
H.R. 9098 - a bill to extend and amend certain provisions of the Child Nutrition Act and of the National School Lunch Act. 722
Institutional meat purchase specifications for fresh pork--series 400. 733
Institutional meat purchase specifications. 734
Institutional meat purchase specifications for portion-cut meat products--series 1000. 739
Institutional meat purchase specifications for sausage products--series 800. 736
Institutional meat purchase specifications for fresh beef--series 100. 737
Institutional meat purchase specifications for fresh lamb and mutton--series 200. 738
Institutional meat purchase specifications for edible by-products--series 700. 739
Institutional meat purchase specifications for cured, dried, and smoked beef products--series 600. 740

Institutional meat purchase specifications for cured, cured and smoked, and fully cooked pork products--series 500. 741
Institutional meat purchase specifications for fresh veal and calf--series 300. 742
The "captive" employee unshackled. 749
How to manage a restaurant or institutional food service. 969
Food service in industry and institutions. 970
School and institutional lunchroom management. 996
Food service in institutions. 997
Bases for vocational education for food service industry employees. 1134
Volume feeding menu selector. 1321
Practical cooking and baking for schools and institutions. 1374
Sophisticated technology for the school market. 1937
Why not standardize institutional prepared frozen food packages? 1965
Everybody here loves children. 1996
Total convenience on the college campus - special report. 2079
Standardizing recipes for institutional use. 2109
Quantity food purchasing guide. 2301
Quantity food purchasing. 2315
Food purchasing guide for group feeding. 2352
Food storage guide for schools and institutions. 2354

INSTRUCTIONAL AIDS
Alcoholic malnutrition (Slides). 54
Materials and methods in nutrition education. 183
Gastrointestinal absorption (Slides). 220
Intestinal malabsorption (Slides). 259
Focus on nutrition. 295
Nutrition and stress (Slides). 387
Where did we begin? (Slides). 604
Nutritional awareness instruction series for classroom use. 1088
Open forum. 1205
Kitchen tool school. 1305
What filmstrips can do for you lately. 1308

INSTRUCTIONAL MATERIALS
The good foods book. 53
Complete teaching kit on cheese (Filmstrips). 122
Food and nutrition education in the primary school. 187
A nutrition guidebook for elementary school teachers. 221
Modification of food habits. 313
AV decision model. 1012
Application of a three-stage systems approach model for producing career awareness materials. 1027
The calorie game. 1043
Classroom communication: telecourse. 1052
Computers in education: relevance for occupational education. 1057
Status of curriculum development in the field of commercial food at the non-baccalaureate level. 1062
Criteria for the selection of records, filmstrips and films for young children. 1065
Easy silk screen stencils. 1075
Everywhere that Mrs. Forley went... 1084
Exploring local resources. 1087
Toward better teaching of home economics. 1093
Visual aids in nutrition education. 1095
Getting participation in films. 1106
Innovative techniques for teaching nutrition. 1126
Let's play detective. 1150
The message is you. 1156
The message is you - guidelines for preparing presentations, part three. 1157
The message is you, part II. 1158
Preparation of inexpensive teaching materials. 1163
How to purchase for school lunch. 1176
Nutrition education in the funny papers. 1191
Nutrition education through the mass media in Korea. 1194
Planning training activity. 1213
Puppets are effective teachers. 1221
R & D for adult learning. 1222

- Teaching successfully in industrial education. 1240
 Food service employees. 1241
 Dietitian aides. 1262
 The three R's help make good eating important. 1263
 To hand out or not to hand out. 1264
 The development and evaluation of eight units of programmed instruction designed to teach basic nutrition. 1306
 The components of communication. 1311
 Instructional materials. 1312
 Standards for school media programs. 2201
 Standards for cataloging nonprint materials. 2203
 Methods and kinds of nutrition education (1961-72): a selected annotated bibliography. 2249
 Materials for occupational education. 2243
 General teacher references. 2265
 Secondary teaching materials and teacher references. 2266
 Preschool, primary and intermediate teaching materials and teacher references. 2269
 Food makes the difference! 2283
- INSTRUCTIONAL MATERIALS CENTERS**
 The media bureaucracy. 887
 Conceptualizing the learning center. 1058
 Learning resources: AV or library? 2245
 Media units grow into service centers. 2248
- INSTRUCTIONAL MEDIA**
 Getting the most for your media dollar. 1. 1107
 Getting the most for your media dollar. 2. 1108
 Instructional television facilities. 1314
- INTEGRATED CURRICULUM**
 Nutrition education guide. 153
 Food and nutrition education in the primary school. 187
 A nutrition guidebook for elementary school teachers. 221
 A resource handbook for teaching nutrition in the elementary school. 223
 Basic principles of nutrition. 253
 Nutrition education and the related management processes. 306
 The real talking, singing, action movie about nutrition (motion picture). 467
 The school lunch - a component of educational programs. 481
 Innovative approaches to nutrition education and related management processes. 499
 School lunch and the curriculum. 591
 A study of the educational aspects of the School Lunch Program in South Carolina. 1166
 A new horizon: careers in school food service (filmstrip). 1173
 Relating school lunch and classroom teaching. 1225
 The three R's help make good eating important. 1263
 Selection of policies for the local lunch program in the public schools. 2011
- INTERIOR DESIGN**
 The nautical way. 1595
 A simplified systems approach to multi-unit design. 1663
 The turned or table top. 1677
 The 3C's of atmosphere. 11. 1688
 The 3C's of atmosphere. 1. 1689
 The youth market says to do its thing. 1691
- INTERVIEW DESIGN**
 Some factors for refusal to participate in nutrition survey. 495
- INTERVIEWS**
 Sensory food tests. 489
 Handbook of diet therapy. 531
 Yours. 1318
 Focus group interview - reveals likes and dislikes for salad dressings, containers. 1850
- IOWA**
 Nutritional iodine in processed foods. 1904
- IRAN**
 Management aspects of school lunch progress in Iowa. 865
 Home study courses for food service employees - an Iowa program. 1112
- IRON**
 Progress in human nutrition: volume 1. 291
 Protein food mixture for iron - acceptability and tolerance in infants and preschool children. 458
- IRON**
 Assaying the availability of iron - techniques, interpretations, and usefulness of the data. 70
 The dietary iron controversy. 148
 The experts debate: the added enrichment of bread and flour with iron. 172
 The heart of the matter - a matter of opinion. 233
 Hemoglobin and ferritin levels of pregnant teenagers - relationship to dietary levels. 237
 Improving nutrient content of foods served. 253
 Iron absorption by adults fed mixtures of rice, milk, and wheat flour. 261
 Iron content of some Mexican-American foods - effect of cooking in iron, glass, or aluminum utensils. 262
 Iron deficiency in rural infants and children. 263
 Iron metabolism (slides). 264
 Iron, blood, and nutrition. 266
 Minerals and body structure. 308
 The need for iron fortification. 360
 Nutrition notes: iron fortification of foods. 412
 Of (iron) pots and pans. 437
 Round-table discussion. 479
 Utilization of inorganic elements by young women eating iron-fortified foods. 576
 Increasing iron in Ysop A lunches. 1338
- IRON-DEFICIENCY ANEMIA**
 Iron deficiency in rural infants and children. 263
 Iron-deficiency anemia in infants and preschool children. 265
 Minerals and body structure. 308
 Prevention of iron-deficiency anemia in infants and children of preschool age. 559
- IRRAADIATED FOODS**
 New foods for a new decade. 1890
- ISRAEL**
 Vitamin A and iron in infants' diets in Israel. 578
- ITALY**
 Liposes and flavor development in some Italian cheese varieties. 1874
- JAPAN**
 A half century of changing food habits among Japanese in Hawaii. 231
- JAYCEES**
 U.S. Jaycees resolve to back pilot universal program. 2096
- JOB ANALYSIS**
 Man-machine productivity of dishwashing operations in hospitals. 880
- JOB PLACEMENT**
 Personnel management. 768
 The management of people in hotels, restaurants, and clubs. 878
 Profitable food service management thru good supervision. 897
 Profitable food service management thru reduction of employee turnover. 900
 Profitable food service management thru job analysis, descriptions, and specifications. 902
 Profitable food service management thru recruitment and selection of employees. 903
 Profitable food service management thru job evaluation. 904
 Elements of supervision. 963
 Opportunities for educational and vocational advancement. 1016
 Effects of an experimental training program for food service personnel. 1041
 Minority view: dumping ground or opportunity? 1160
 Training guide. 1189
- JOB SATISFACTION**
 Personnel management. 768
 Bases for vocational education for food service industry employees. 1134
- JOB TRAINING**
 Increasing employee productivity and reducing turnover. 861
 The management of people in hotels, restaurants, and clubs. 878
 Profitable food service management thru good supervision. 897
 Profitable food service management thru job analysis, descriptions, and specifications. 902
 Elements of supervision. 963
 Upgrade your manpower task allocation system. 989
 Effects of an experimental training program for food service personnel. 1041
 Elementary body mechanics (film loop). 1082
 Evaluating training expenditures. 1083
 How professional are you? 1115
 How to get JOT started on the right foot. 1117
 A practical guide for supervisory training and development. 1146
 An old standby that still works. 1204
 Planning training activity. 1213
 The training of ancillary staff in hospitals. 1242
 A systematic training and teaching program. 1253
 Training can be professional. 1268
 Training surveys surveyed. 1271
 Community action for employment: manpower development. 2094
 Manpower report of the President. 2284
- JUICES**
 Convenience and the cost of potatoes and orange juice. 10
 Self-service juice dispensers evaluated: frozen juices most economical, efficient. 1662
- JUNIOR COLLEGES**
 Guidelines for hospitality education in junior college. 1015
 Educating the dietitian in a changing world. 1076
 Food quality evaluation--a learning technique. 1097
 New directions in community junior college programs - new students; new faculty. 1172
 Schooling the food service executives of tomorrow. 1230
 So much, for so many, for so little. 1243
 1972 Junior college directory. 2195
 American Junior colleges. 2197
 Allied health education programs in Junior colleges/1970. 2293
- KANSAS**
 Nutritional status of 9-, 10- and 11-year-old public school children in Iowa, Kansas, and Ohio. 439
 Acceptance of the school lunch program in Kansas. 1992
- KINDERGARTEN**
 Nutrition the 1-2-3-4 way. 415
 Cooking in the kindergarten. 1061
 Kindergartners make friends with school lunch. 2016
- KITCHEN FIRES**
 Kitchen safety: Preventing fires (film loop). 1738
- KITCHENS**
 An administrator's view of school food service. 752
 Control patterns for the cooking battery. 791
 The gourmet galaxy: a food odyssey. 844
 Food service: teachers guide. 1174
 The ABC's of make-up air. 1547
 Kitchen standards for the Board of Education of Baltimore County. 1556
 Ceiling it. 1567
 Essential sub-systems 5: preparation processing - part 1. 1573
 The preparation kitchen. 1594
 Is your kitchen obsolete? 1599
 Key component of operational sub-system 5: steam preparation equipment. 1605
 Principles of kitchen layout planning for food service establishments. 1608
 Model kitchen at Waussaukee. 1611
 A new concept in compact: all-electric mini facility. 1633
 New electric kitchen systems added to 1970 Laurel roster. 1636
 New kitchen sophistication with electric steam cookers. 1637
 School lunch rooms. 1639
 One kitchen serves two schools. 1646

KOREA

A professional's tour guide: Big Mac's Feedservice. 1652
 School building design meets educational philosophy in Boyertown. 1650
 Size up the modern electric griddles. 1669
 Layout, equipment, and work methods for school lunch kitchens and serving lines. 1578
 Planning the school food service facilities. 1661
 What makes kitchens work right? 1665
 The kitchen (Film loop). 1731
 Turkey: the bad guy of school lunch. 1761
 Fort Wayne, Indiana, community school. A system for the future. 2007
 The impact of school food service, its value to education and its future. 2013
 Satelliteing in the suburbs. 2051

KOREA
 Nutrition education through the mass media in Korea. 1194

LABELING
 The case for ingredient disclosure. 3
 Enrichment facts for the consumer. 17
 Food product dating. 23
 Labels that tell you something. 24
 New regulations on "cents-off" promotions. 26
 Open dating. 30
 Basic human nutrition and the FDA. 77
 Nutrition education comes into its own. 392
 Nutrition notes: dairy gave comments on nutritional labeling guidelines. 411
 Proceedings of the packaging legislation and regulations: current status and future prospects. 573
 A commentary on the new F.D.A. nutritional labeling regulations. 674
 The development of a national nutrition policy. 680
 Emphasize product identity on labels. 681
 FF peckers under the gun to meet nutritional labeling deadlines. 684
 Food labeling regulations. 685
 Frozen food standards and regulations--an industry view. 688
 An industrial view of nutritional labeling and nutrition education. 692
 Ingredient labeling. 593
 Legal developments: FDA releases labeling regulations. 695
 Nutrient labeling....Purpose and approach. 699
 Nutrition labeling. 709
 Nutrition labeling--more information to help the consumer select foods. 701
 Nutrition labeling: more information to help the consumer select foods. 702
 Nutrition notes: the nutrient labeling dilemma. 703
 Nutritional guidelines - the how, the why, and the when. 704
 Nutritional guidelines and labeling. 705
 Nutritional guidelines and the labeling of foods. 706
 Nutritional labeling: a need for caution. 707
 Observations: industry comments on nutritional labeling. 709
 Observations: nutritional labeling, however imperfect, is here. 710
 Open dating: the key to fresh foods for consumers. 711
 Packaging and labeling - current trends and possibilities. 713
 Philosophy and guidelines for nutritional standards for processed foods. 714
 Policy statement of the American Dietetic Association on nutritional labeling. 715
 Product development news: Oel Yette to use processed nutrient labeling, estimates cost for data at \$250,000. 717
 Some considerations for nutritional labeling. 718
 Sounds from Capitol Hill: more regulations, more restrictions. 719
 Standards, labeling, education to improve the diet. 723
 The nutritional labeling systems. 721
 What useful purpose is served by quantitative ingredient labeling? 745
 Will customers really use the label? 746
 Food industry and FDA face food

threat. 823
 National Data Center for Food Comestition. 2251

LABOR FORCE
 Ohio training researched. 1199
 Manpower report of the President. 2264

LABOR UNIONS
 Contract clauses: Grievances. 749
 The school food service labor relations picture. 946
 Spotlight on contract clauses. 962
 To join or not to join multiemployer bargaining? 979

LABORATORY MANUALS
 Search and research. 342
 Let's take milk apart. 350
 Taking milk apart. 351
 Cooking for food managers--a laboratory text. 1110
 Food study manual. 1398

LACTOSE INTOLERANCE
 The dramatic story of PKU. 155
 Lactose intolerance. 275
 Milk drinking by the lactose intolerant - comparison of Caucasian and Oriental adults. 307

LAMB
 Meat evaluation handbook. 696
 Institutional meat purchase specifications for fresh lamb and mutton--series 200. 738
 Indonesian rack of lamb. 2146
 Woman's Day encyclopedia of cookery, vol. 7. 2191
 Meat buyer's guide to certain central meat cuts. 2330

LAND GRANT UNIVERSITIES
 The relationship of Federal agencies to food science programs at the universities. 1226

LAWS
 Capital action: how a bill becomes a law. Part 1. 674
 Capital action: ins and outs of legislation. 2. 675
 Changes in the law and new legislation--What it means. 677
 Other Federal regulations affecting food packaging. 712
 H.R. 9098 - a bill to extend and amend certain provisions of the Child Nutrition Act and of the National School Lunch Act. 722
 Public Law 91-246, 91st Congress, H.R. 315. 723
 H.R. 7934 - a bill to extend and amend the Child Nutrition Act of 1966. 724
 H.R. 1654 - a bill to amend the Fair Packaging and Labeling Act to require certain labeling to assist the consumer. 725
 Children's food service programs - conference report. 726
 The development of desirable school lunch accounting procedures. 763
 Development of evaluative procedures for assessing operational efficiency of school food services. 847
 School food service: new laws can help you provide it. 947
 Standards of cleanliness (Film loop). 1774
 Federal interagency day care requirements. 2088

LEAFY GREEN VEGETABLES
 A Cool head for salads (Film Loop). 1409
 The lettuce lesson. 2316

LEARNING
 Disadvantaged children. 94
 How nutrition affects learning and behavior. 243
 How nutrition affects the central nervous system. 244
 How nutrition relates to learning. 245
 Let's make nutrition education exciting. 278
 Malnutrition, learning, and behavior. 289
 Nutrition and learning - implications for schools. 384
 Nutrition: A pre-condition to learning. 419
 Nutritional literacy of high school students. 422
 Predicting application of nutrition education. 451
 Survey of nutrition knowledge as a part of nutrition education. 507
 Teachers, there's an eggplant in the classroom. 513
 Nutrition and intellectual growth in

children. 522
 Selected attitudes of food service personnel participating in two methods of training. 1072
 The effect of a nutrition education program at the second grade level. 1081
 Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
 Retention of learning two years after an experimental training program for food service personnel. 1159
 Project feast puts it all together. 1220
 A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patients for use in schools of nursing. 1235

LEAVENING AGENTS
 Food science. 362

LEGISLATION
 Nutrition education--1972 hearings, Ninety-Second Congress, second session. 549
 Capital action: how a bill becomes a law. Part 1. 674
 Capital action: ins and outs of legislation. 2. 675
 Changes in the law and new legislation--What it means. 677
 Open dating: the key to fresh foods for consumers. 711
 H.R. 9098 - a bill to extend and amend certain provisions of the Child Nutrition Act and of the National School Lunch Act. 722
 Public Law 91-246, 91st Congress, H.R. 315. 723
 H.R. 7934 - a bill to extend and amend the Child Nutrition Act of 1966. 724
 H.R. 1654 - a bill to amend the Fair Packaging and Labeling Act to require certain labeling to assist the consumer. 725
 Children's food service programs conference report. 726
 New developments in school food service. 907
 A new era in school food service. 908
 The school food service production kitchen. 1509
 A new decade for School Food Service. 2029
 Project on foods and nutrition services in the Public Schools (in North Carolina). 2048

LEGUMES
 Meeting future needs. 1879

LETTUCE
 Lettuce--the salad staple. 641
 A Cool head for salads (Film Loop). 1409
 The lettuce lesson. 2316

LIBRARIES
 Conceptualizing the learning center. 1058
 How to organize training information. 1119
 Standards for school media programs. 2201
 American library directory 1970-1971. 2202
 Federal library resources. 2205
 Non-book materials: the organization of integrated collections. 2211
 University of Colorado Libraries programmed textbook. 2216
 The innovative diffusion center: a potential concept to accelerate educational change. 2242
 Learning resources: AV or library? 2245

LIBRARY EDUCATION
 The challenge of change (Motion Picture). 2212

LIBRARY SCIENCE
 The challenge of change (Motion Picture). 2212

LIPIDS
 Diet and atherosclerosis. 139
 Fat metabolism in children - influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 176
 Fatty acids in foods served in a university food service. 178
 Lipid components of type A school lunches. 241
 Serum cholesterol from pre-adolescence through young adulthood. 490

- Tocopherols and fatty acids in American diets - the recommended allowance for vitamin E. 527
- Lipases and flavor development in some Italian cheese varieties. 1874
- LITERATURE REVIEWS
- Nutrition/cardiovascular reviews, 1970-1971. 63
- LIVER
- Hide the liver!. 1444
- LOS ANGELES
- L.A. kids get hot meals this summer: their grandparents get something, too. 2014
- LOUISIANA
- Blood serum vitamin A and carotene studies of preadolescent children. 292
- Sustained behavioral change. 508
- An automated simulation vehicle for school business administration accentuating computerized selective school lunch menu planning. 1362
- LOW FAT FOODS
- Acceptability of low-fat milk by school children. 750
- LOW INCOME GROUPS
- The development of three instruments to assess forces behind food habits and methods of change. 75
- Disadvantaged children. 94
- Child nutrition: An idea whose time is here. 114
- Food habits of migrant farm workers in California - comparisons between Mexican-Americans and "Anglos". 202
- If you want to beautify America, feed a child. 250
- New (rition) twist to an old game. 361
- Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426
- Shopping practices of low-income groups for convenience foods. 491
- Malnutrition and intestinal parasites. 494
- Status and achievements of the expanded food & nutrition education program. 501
- Poverty guidelines announced. 716
- Hearings, ninety-second Congress, first session, on nutrition and human needs. 727
- Hearings, ninety-second Congress, first session, on nutrition and human needs. 725
- Communicating with low income families through the school and child day care food service. 777
- Industry's struggle with world malnutrition. 864
- Management functions for state and system level school and non school food service administrators. 954
- Food information of homemakers and 4-H youths. 1096
- Keep clean stay well (Motion picture). 1729
- Safe food (Motion picture). 1763
- Safe food (Motion picture). 1764
- Exploring different ways of meeting nutritional needs. 1841
- Jemez Pueblo discovers the cup-can. 2015
- Reaching the hard-to-reach schools. 2049
- School lunch grows in Brooklyn. 2054
- The success of the federal food assistance programs. 2069
- Summer food service in Portland. 2072
- Profiles in quality education. 2095
- 10,000 come to breakfast. 2105
- MACARONI
- Dietary protein quality in infants and children - VII. corn-soy-wheat macaroni. 149
- MAGNESIUM
- Magnesium in human nutrition. 234
- Composition of foods. 2250
- MAIN DISHES
- The importance of protein in the nestless meal. 252
- On-target realist action for health (Filmstrip). 442
- Family fare. 542
- Techniques of main dish preparation. 1138
- Techniques of main dish preparation. 1139
- Canned entrees are better than ever. 1373
- Ground beef: passport to far-away eating (Filmstrip). 1440
- Hide the liver!. 1444
- New candidates for your recipe file. 1472
- Freezing combination main dishes. 1526
- Whats and whys of cup-can. 1542
- A convenience compass. 1811
- Further processed, precooked frozen meats growing at better than 20% annually. 1863
- Vedatarien cookery 3. 2113
- Cheese cookery for everyone. 2120
- Cold weather magic from your oven. 2123
- The professional chef's catering recipes. 2147
- Jazz up winter menus. 2150
- New low-cost fish recipes pass child test. 2153
- Recipes on parade. 2160
- Tacos--taste treat for tots to teens. 2170
- Money-saving main dishes. 2173
- Fast-freezing the OU way. 2307
- A review of frozen entrees at the peak of the "raw-to-ready" scale. 2343
- MAINTENANCE
- Create your own good-neighbor policy. 797
- Security for business and industry. 849
- Making cafeterias work. 879
- The science of housekeeping. 982
- Watch specifications for contract cleaning. 995
- 7 maintenance ideas from industry. 1009
- Hospital dishwashing (Film loop). 1114
- The air conditioning story: part 5. 1549
- All about cookware (Filmstrip). 1551
- Care and use tips for gas-fired fry kettles. 1559
- Caring for coolers. 1560
- The case for the electric steam generators. 1561
- Equipment census: 1973 Institutions/VFM report on age, type and status of food-service equipment. 1572
- How to get better service from your gas broiler. 1583
- How to get better service from your gas fryer. 1584
- How to get better service from your gas oven. 1585
- How to get better service from your gas range. 1586
- How to get better service from your steamer. 1587
- Miscellaneous small equipment (Film loop). 1610
- Household equipment. 1649
- The 3C's of atmosphere, II. 1688
- The 3C's of atmosphere, I. 1689
- Your biggest investment (Film loop). 1690
- Floor care (Film loop). 1710
- MALABSORPTION SYNDROME
- Intestinal malabsorption (Slides). 259
- MALAYA
- Food beliefs affect nutritional status of Malay fishermen. 192
- MALNUTRITION
- Alcoholic malnutrition (Slides). 54
- Food: proteins for humans. 58
- Nutrition: a comprehensive treatise. 83
- Disadvantaged children. 94
- Child malnutrition and its implications for schools. 113
- Hunger, U.S.A. 119
- Commercial malnutrition?--time for a dialogue. 120
- Statement of Walter A. Coe, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
- Dietary protein quality in infants and children - VII. corn-soy-wheat macaroni. 149
- Teaching nutrition. 168
- Exploring the need for nutrition education. 174
- Focus on nutrition...You can't teach a hungry child. 2. 184
- Food for life (Motion picture). 198
- Food for life (Videocassette). 199
- Help for malnourished children in Latin America. 235
- How can we solve malnutrition in the U.S.? 242
- How nutrition affects learning and behavior. 243
- How nutrition affects the central nervous system. 244
- How to diagnose nutritional deficiencies (Slides). 246
- Hunger and malnutrition - whose responsibility? 249
- Journey into nutrition (Motion picture). 271
- Milk and milk products in human nutrition. 273
- Encyclopedie moderne de l'hygiene alimentaire. 276
- Malnutrition and its social implications. 287
- Malnutrition in the United States. 288
- Malnutrition, learning, and behavior. 289
- Progress in human nutrition: volume 1. 291
- The ecology of malnutrition in Central and Southeastern Europe. 297
- The ecology of malnutrition in five countries of Eastern and Central Europe. 298
- The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
- The ecology of malnutrition in Northern Africa. 300
- Nutrition education and the related management processes. 306
- Now, how about child day everyday? 373
- Nutrition and learning - implications for schools. 384
- Nutrition and social dependency. 386
- Nutrition for young minds. 400
- Food, science, and society. 401
- 1969-1970 report. 404
- Nutrition notes: consumer and food industry equally responsible for poor nutrition. 410
- Nutrition: A pre-condition to learning. 419
- Man and food. 465
- Required: a giant step in nutrition education. 470
- Malnutrition - its causation and control. 477
- Malnutrition and intestinal parasites. 498
- Teenagers and food: their eating habits. 517
- Nutrition and intellectual growth in children. 522
- Universal school food service and nutrition education: a symposium. 572
- Problems of assessment and alleviation of malnutrition in the United States. 577
- We can't separate nutrition from social and biological sciences. 588
- Nutrition education in the school food service: challenge, change, and commitment. 592
- What influences malnutrition? 595
- What school lunch is doing for undernutrition in Baltimore. 599
- Attack on starvation. 635
- Overcoming world hunger. 652
- World food and population problems: Some possible solutions. 669
- The case against hunger. 690
- Industry's struggle with world malnutrition. 864
- The role of industry in meeting the challenge of future food needs. 934
- Child spacing as a part of nutrition education programs. 1051
- Fortified foods: the next revolution. 1857
- Meeting future needs. 1879
- Protein from microorganisms. 1923
- WSB on the hunger front. 1960
- CARE strikes back at world's malnutrition. 1979
- Does breakfast help? 1989
- The lunch, lunch study. 2019
- Mothercraft centers combine nutrition and social sciences. 2028
- MANAGEMENT
- Consumer behavior. 16
- Coordinating nutrition education in school, home and community. 130
- Caught leaderless, will a company survive? 771
- Contract clauses: Grievances. 789
- The gourmet galaxy: a food odyssey. 844
- Group work session: Listening guide for

MANAGEMENT DEVELOPMENT

Integrating nutrition education into the program. 345
Growth through new ventures. 346
Industrial security management. 348
Security for business and industry. 349
Increasing employee productivity and reducing turnover. 361
Budgeting: key to planning and control. 357
Appraising managers as manager. 373
Management functions of school and non school food services. 381
Management needs better understanding of food service potentials in planning and using efficient food service facilities. 382
Methods for analyzing operations in school food services. 383
The more effective school food service supervisor in the larger job. 390
Motivation and productivity. 392
A compilation of information on computer applications in nutrition and food science. 911
Organization and coordination of resources. 913
Organizing for marketing and new product development. 915
Panel on characteristics of centralized food service systems. 917
Purposeful change in school food service progress. 927
Quality control of food in the school food service. 923
The numbers game: uses and abuses of managerial statistics. 934
Review of management functions. 935
The School Food Service System. 941
School feeding programs as an aspect of the educational institution -- Panel discussion. 944
Some factors in building an effective marketing program. 955
Elements of supervision. 963
To join or not to join multilevel bargaining? 979
The science of housekeeping. 982
Essentials of managerial finance. 993
Developmental dialogue. 1067
The art of listening. 1165
Procedure for developing, submitting and evaluating individual projects. 1216
Train 'em or lose money. 1267
Advanced menu planning. 1323
Biscuit manufacture. 1544
Sanitary storage and collection of refuse (Motion picture). 1767
Food for tomorrow: resources, environment, distribution. 1885

MANAGEMENT DEVELOPMENT

Communication - Change. 780
The practice of general management. 319
Making cafeterias work. 379
How professional are you? 1115
A tool to get people to be relevant. 1265
Directions '73. 1330

MANAGEMENT EDUCATION

Guide to foodservice management. 776
Creativity in education and management. 799
Dynamics of motivation. 895
Management of food service. 820
Principles of management. 872
The more effective school food service supervisor in the larger job. 390
A review: how supervisor's expectations affect trainee performance. 937
Developmental dialogue. 1067
Education for dietetics: the in-basket technique. 1077
The first year of a coordinated undergraduate program in food systems management. 1091
How professional are you? 1115
How to brief people. 1116
Human relations training - new value from a seasoned technique. 1121
A partnership in evaluation - a case study in evaluation of a managerial training program. 1211
Schooling the food service executives of tomorrow. 1233
A tool to get people to be relevant. 1265
Training makes Frisch's growing big boy. 1270
Miscellaneous skill equipment (Film loop). 1610

MANAGEMENT GAMES

Problem solving and conflict resolution. 925

MANAGEMENT SYSTEMS

A system--What it is and what it does. (Part 2). 975

MANUALS

Modern food analysis. 232
Milk and milk products in human nutrition. 273
Laboratory handbook of methods of food analysis. 277
The chemical analysis of foods. 447
Baker boy manual: a guidebook for your retail operation. 462
Associates of Look's hand book. 376
Principles of public accounting. 987
Examiner's manual for the tests of general educational development. 1019
Techniques of main dish preparation. 1139
Introductory foods. 1164
Special food service program for children, summer programs. 1285
Standards, principles and techniques in quantity food production. 1453
A handbook on quantity food management. 1512
Practical baking. 1517
Practical food microbiology and technology. 1962
University of Colorado Libraries programmed textbook. 2214

MARGARINE

Fatty acids in newer brands of margarine. 179
Use of lowfat, airy spread in medium white sauce and plain white frosting. 1530

MARKETING

Consumer behavior. 16
FF Industry must gain consumers' confidence in nutrition values. 18
Food retailers help teach food buying. 21
This is USDA's Consumer & Marketing Service. 37
Nectarines. 43
What the consumer expects of quality assurance. 45
How the fresh fruit and vegetable marketing system contributes to optimum nutrition. 570
The Perfect brunch: a 1970 market report. 654
Dry onions. 666
Confusing laws complicate marketing picture for new products. 679
Two nutritional labeling systems. 721
The "adaptive" employee unshackled. 749
Changes in food wholesaling. 773
Comparison of cost structures of food stores and eating and drinking places. 783
Consumer considerations: deep-fried foods. 787
Consumers rate frozen cuts equal to fresh meat in flavor, juiciness. 788
Engineered foods--The place for oilseed proteins. 807
FF per capita consumption hits 72.9 lbs. a year. 815
FF service companies vie for share of \$1 million school lunch programs. 816
Food service management. 824
Franchising in perspective. 830
Fresh beef ads and product names. 831
Gallup determines potato popularity. 833
Gallup survey - a case for vegetable variety. 840
Growth through new ventures. 346
Industry's struggle with world malnutrition. 364
Organizing for marketing and new product development. 915
Positioning creative touch - a new way to flavor foods. 923
Retail frozen food sales by state. 935
School lunch program becomes big factor for frozen meat firm. 949
Some factors in building an effective marketing program. 955
Marketing in action for hotels, motels, restaurants. 967
Teenager - the marketer's dilemma. 977
Venturing into the '70's. 994
Will advance testing reduce new product risks? 1000
Young America dines out: how youth voted in '72. 1005
Food service selling. 1250

Contemporary meal management. 1343
Menu design - merchandising and marketing. 1358
Food service managers locate FF easily: it's making a choice that's difficult. 1426
The great American menu mix. 1439
Heroes & submarines - new life for jaded menus. 1443
Pocahontas produces increases FF volume by selling a convenience concept. 1457
Versatile potatoes increase menu variety, while low cost augments profit margin. 1536
What systems built: favored fare of '72. 1541
Public health aspects of poultry processing (Motion picture). 1759
The \$130 billion food assembly line (Filmstrip). 1739
Are U.S. dairymen overlooking potential of frozen milk concentrates market? 1793
Components versus meals. 1808
Convenience isn't enough in foods for the '70's. 1812
Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1827
Extruded snack watched to nutritional needs, and marketed to school age consumers. 1843
Frozen, precooked rice shapes suitable for all markets. 1862
Further processed, precooked frozen meats growing at better than 20% annually. 1863
The economics of food processing. 1866
Independent bakers prove sales advantage of nutritional enrichment. 1869
Introduction of OJ-related products strikes some sour notes in industry. 1872
The metric question - expect new packages, trade shifts. 1880
Microfranchise. 1881
The new foods and the markets that need them. 1889
Optimum net fill of containers. 1906
Planning: that's how to develop a new package for a new product. 1911
Positioning a product for the special market. 1913
Processes and potential markets for instant bean powders. 1916
Sophisticated technology for the school market. 1937
The Sacramento system: commodity comparability. 2050
The Federal School Lunch and Special Milk Program in Tennessee. 2075
What was the Putgers study? 2100
The IFMA encyclopedia of the foodservice industry. 2243
Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2279
Food beverage industries: a bibliography and guidebook. 2294
Big specs ensure quality, lower costs. 2302
Handling, transportation, and storage of fruits and vegetables. 2345
You and your frozen-food distributor. 2365

MARYLAND

A guide to food programs in Montgomery County. 2027

MASSACHUSETTS

Nutritional literacy of high school students. 422
Food systems are providing hot lunches for Massachusetts school children. 1427
The Massachusetts school lunch nutritional study. 2023

MATERIAL DEVELOPMENT

Application of a three-stage systems approach model for producing career awareness materials. 1027
Easy silk screen stencils. 1075
Exploring local resources. 1087

MATHEMATICS

Math workbook - food service/lodging. 1064
Commercial foods. 1175
Quantity food preparation: A suggested recipe. 1233

MEAL COMPOSITE ANALYSIS

Models for control of nutritive content of menus planned by computer. 1346

MEAL PATTERNS

- Alexander's breakfast secret (Filmstrip), 55
- Breakfast and the bright life (Filmstrip/Record), 98
- Breakfast: 4-4-3-2 way (Show'n Tell), 99
- Centralized food supplies, 110
- Dietary habits and food consumption patterns of teenage families, 146
- Doing great things (Motion picture), 154
- Exercise, dietary intake, and body composition, 173
- Feeding children, 181
- Food habits of low-income children in northern New York, 201
- Frequency of feeding, weight reduction, and body composition, 214
- General factors affecting college canteen food preferences, habits, and intake, 222
- Good food works for you (Show'n Tell), 226
- Implications of changing food habits for nutrition educators, 251
- Metabolic effects of meal frequency on normal young men, 304
- Nutrition programs for senior citizens, 414
- Nutrition to meet the human needs of older Americans, 416
- Observations on the use of a supplemental beverage, 435
- Guide to foodservice management, 776
- Setting counts on the calorie counters, 832
- Contemporary meal management, 1343

MEALS ON WHEELS

- Meals on Wheels in Calgary, 2025
- A guide to food programs in Montgomery County, 2327

MEALS PER DAY

- Summer food service in Portland, 2072

MEASUREMENT

- Quality assurance--Today & tomorrow, 33
- The calorie versus the joule, 104
- Functional properties of carbohydrates, 216
- Measuring the color of foods, 303
- The status of nutrition in the United States, 532
- Tuna, 530
- Family size, 542
- Problems of assessment and alleviation of malnutrition in the United States, 577
- Computer program estimates bacterial densities by means of most probable numbers, 734
- Food training routines, 1142
- Commercial foods, 1175
- Sue learns about the use of measurements in cooking, 1235
- Food for 50, 1429
- Techniques of food measurement (Motion picture), 1515
- Automated determination of protein-nitrogen in foods, 1795
- The measurement of meat color, 1677
- The metric question--expect new packages, trade shifts, 1880
- Quality evaluation of canned and freeze-dried applesauce, 1925
- Conversion factors and weights and measures for agricultural commodities and their products, 2252

MEAT

- The cost of meats and meat alternates, 12
- Meat purchasing (Film loop), 26
- Inspection, labeling, and care of meat and poultry, 35
- Advances in food research: volume 16, 51
- Basic values in nutrition: part I: milk and meat group (Transparencies), 76
- Beef cooking rates and losses--effect on fat content, 34
- Food purchasing practices of young families, 207
- Mulligan stew: The great nutrition turn on (Motion picture), 323
- Mulligan stew: The great nutrition turn on (Video cassette), 325
- On-target meals: action for health (Filmstrip), 442
- Thiamin content and retention in venison, 324
- Inflavine and riboflavin retention in cooked variety meats, 525

- Time-temperature and time-weight losses in veal roasts, 526
 - The science of meat and meat products, 656
 - A sensational sausage system that sells, 659
 - Trends in the U.S. meat economy, 664
 - Labeling standards and some uses of meat analogs in new meat products, 694
 - Meat evaluation handbook, 698
 - Standards for meat & poultry products, 731
 - Consumers rate frozen cuts equal to fresh meat in flavor, juiciness, 744
 - School lunch program becomes big factor for frozen meat firm, 949
 - Commissioner 3 & 2, 1276
 - Maximizing pre-portioned meats, 1345
 - Better school lunches in Oklahoma, 1351
 - Quantity cookery and food preparation, 1377
 - Beef: some answers, 1386
 - Feed study manual, 1398
 - Effect of temperature and cut on quality of pork roast, 1416
 - Ground beef: passport to far-away eating (Filmstrip), 1440
 - New foods for the fry kettle, 1473
 - Whats and whys of cue-can, 1542
 - The chemistry of meat color, 1604
 - Further processed, precooked frozen meats growing at better than 20% annually, 1663
 - The measurement of meat color, 1677
 - Meat battle crosses first product to gain nutritional, textural advantages of new protein fiber, 1878
 - Palatability of a specialty meat item prepared by interrupted cooking, 1907
 - Palatability of meat after low temperature roasting and frozen storage, 1908
 - Protein concentrates and cellulose as additives in meat loaves, 1922
 - Protein products: analogs of favorite food forms, 1924
 - A revolution in meat roasting, 1924
 - Enzymes in food processing and products, 1972, 1986
 - 'Quality first' at Texas A&M, 2298
 - Purchasing, 2310
 - Using storage in food service establishments, 2323
 - Purchasing beef for food service establishments, 2327
 - Meat purchasing, 2329
 - Meat buyer's guide to portion control meat cuts, 2330
 - Meat buyer's guide to standardized meat cuts, 2331
 - How to buy for school lunch, 2334
 - Textures vegetable protein, fish protein concentrate, and microcrystalline cellulose as extenders in meat loaves, 2335
 - Toward the new, 2353
- MEAT BY-PRODUCTS**
- Institutional meat purchase specifications for edible by-products--series 700, 739
- MEAT DELIVERY**
- Institutional meat purchase specifications, 734
- MEAT GRADES**
- Institutional meat purchase specifications, 734
- MEAT PACKAGING**
- Institutional meat purchase specifications, 734
- MEAT PRODUCTS**
- Institutional meat purchase specifications for portion-cut meat products--series 1000, 735
- MEAT SPECIFICATIONS**
- Labeling standards and some uses of meat analogs in new meat products, 694
 - Institutional meat purchase specifications for fresh pork--series 400, 733
 - Institutional meat purchase specifications, 734
 - Institutional meat purchase specifications for portion-cut meat products--series 1000, 735
 - Institutional meat purchase specifications for sausage products--series 800, 736
 - Institutional meat purchase specifications for fresh beef--series 100, 737
 - Institutional meat purchase specifications for fresh lamb andutton--series 200, 734
 - Institutional meat purchase specifications

- lens for edible by-products--series 700, 739
- Institutional meat purchase specifications for cured, dried, and smoked beef products--series 600, 740
- Institutional meat purchase specifications for cured, cured and smoked, and fully cooked pork products--series 900, 741
- Institutional meat purchase specifications for fresh veal and calf--series 300, 742

MEDIA SELECTION

- Criteria for the selection of records, filmstrips and films for young children, 1065
- Getting the most for your media dollar, 1, 1107
- Getting the most for your media dollar, 2, 1108
- Nutrition education through the mass media in Korea, 1194

MEDICAL EDUCATION

- Conference on guidelines for nutritional education in medical schools and postdoctoral training programs, June 25-27, 1972, 1023
- Innovations in nutrition education: programs and methods, 1125
- Nutrition education of physicians--five commentaries, 1192
- Teaching nutrition in the medical school, 1255

MEDICAL SERVICES

- Nutrition and intellectual growth in children, 522
- The training of ancillary staff in hospitals, 1242
- Nutrition services in child health programs, 2036
- Summer programs offer 'three squares', 2073

MELONS

- The ancient melon pops up modern menu, 623

MENTAL DEVELOPMENT

- Disadvantaged children, 94
- Malnutrition, learning, and behavior, 249
- Progress in human nutrition: volume 1, 291
- Food for you, 302
- Nutrition and learning--implications for schools, 384
- 1969-1970 report, 404
- Nutrition and intellectual growth in children, 522
- Nutrition education in the school food service: challenge, change, and commitment, 592
- The case against hunger, 690

MENTAL DISORDERS

- The dramatic story of PKU, 155
- Food and nutrition education for mentally disturbed women, 191
- Malnutrition and its social implications, 247

MENTAL RETARDATION

- Feeding children, 181
- Focus on nutrition...You can't teach a hungry child, 2, 184
- Nutrition and handicapped children, 381
- Nutrition for young minds, 400
- 93¢ a day, 1010
- All benefit from handicaps' training, 1014
- Innovations in nutrition education: programs and methods, 1125
- Satisfying MH students' appetites and needs, 1224
- Training the handicapped, 1273
- Tom Farley's impossible dream, 2076

MENU DESIGN

- Meal requirements for lunch programs offer flexibility, 697
- Patrons speak out on menu presentations, 914
- Menu design--merchandising and marketing, 1356
- Special atmosphere II: country/Colonial themes, 1545

MENU PLANNING

- Nutrition and physical fitness, 97
- Puerto Rican foods and traditions, 126
- Nutrition and elementary food science, 292
- Nutrition source book, 341
- Basic nutrition and menu planning, 370
- Obesity, 405
- On-target meals: action for health (Filmstrip), 442

MERCHANDISE INFORMATION

Basic nutrition and diet therapy. 47b
The school lunch - a component of educational programs. 441
Introduction to foods and nutrition. 503
Food selection for good nutrition in group feeding. 541
Food for groups of young children cared for during the day. 545
Nutrition: between eating for a head start. 551
Lander's handbook for a nutrition and food course. 555
The world of food. 643
Food service manual for health care institutions. 757
Guide to foodservice management. 776
Colorado school lunch handbook. 773
Convenience food systems: vote "yes" on a convenience foods system? 774
Management manual: Type A lunch. 859
A compilation of information on computer applications in nutrition and food science. 911
School food service: twelve trends you should track. 945
How to manage a restaurant or institutional food service. 959
Food service in industry and institutions. 970
Food service for the Army and Air Force. 973
A guide to nutrition and food service for nursing homes and homes for the aged. 985
School and institutional lunchroom management. 995
Food service in institutions. 997
School food service management development program: Manual, advanced course. 1001
Wise up--go modern--cut out a la carte and cut costs. 1302
Introduction to professional food service. 1353
First foods. 1365
Food selection and service (Transcendental). 1101
Cooking for food managers--a laboratory text. 1110
School food service management. 1131
School food service management. 1132
Menu planning for school lunch, August 11-14, 1969. 1175
New professionals to the rescue. 1179
Guide for training school lunch personnel. 1181
An overview of school food service. 1186
Oklahoma school lunch handbook. 1200
Management I. 1201
Basic menu planning. 1207
Basic menu planning. 1208
Food service supervisor-school lunch manager. 1274
Commissary 3 & 2. 1276
Meal planning. 1282
Cook's: a suggested guide for a training course. 1290
School food service management development program: Manual, intermediate course. 1313
Add "canned" imagination to school lunches. 1319
Application of linear programming to menu planning by computer. 1320
Volume feeding menu selector. 1321
Breakfast the convenient way. 1322
Advanced menu planning. 1323
Beginning menu planning. 1324
The cups and selling of hot entrees. 1325
Changing patterns in foodservice. 1326
Choices in our menus. 1327
Creative approaches to type A menu planning in meeting current social needs. 1328
The dynamics of marketing to dieters. 1331
Frozen entrees for everyone? 1332
Gain menu prestige with pork. 1333
Menu planning. 1334
Getting more school lunch into kids. 1335
Give them a choice!. 1336
Increasing iron in Type A lunches. 1335
Integrated nutrition and food cost control by computer. 1340
Kansas school lunch menu planning book. 1971-72. 1341
Meal management. 1342

The cyclical menu. 1344
Models for control of nutritive content of menus planned by computer. 1346
Morning menus. 1347
Menu planning for school lunch, August 11-14, 1969. 1348
Nomographs simplify recipe alterations. 1349
Nutrition at a price: Economics of menu planning. 1350
Better school lunches in Oklahoma. 1351
Menu planning book. 1352
Oil for olives. 1353
Mushrooms, turnip greens and pickled eggs. 1354
Points for planning Type A lunches. 1355
Put fish and seafood on the school menu. 1356
School lunch on-line in Kansas. 1357
Seven choices for lunch. 1359
An automated simulation vehicle for school business administration accounting computerized selective school lunch menu planning. 1362
Try new fish varieties on your menu. 1363
Type A--two different ways. 1364
A menu planning guide for breakfast at school. 1365
A menu planning guide for Type A school lunches. 1366
Handbook of twenty consecutive menus as submitted by Utah districts. 1367
Vegetables: varieties, grades and uses for a more profitable menu. 1368
Writing their own menus. 1370
Nursing home menu planning. Food purchasing and management. 1372
Around the menu with steam cooking. 1384
The professional chef. 1411
Food preparation: study course. 1414
Quantity food preparation and service. 1425
Food for \$0. 1429
Standards, principles, and techniques in quantity food production. 1458
"...and she does it so easily and so well". 1470
A manual for emergency mass feeding indoors. 1474
Community meals. 1475
Quantity food production management. 1476
The parent product. 1482
A guide to the selection, combination and cooking of foods. 1500
A handbook on quantity food management. 1512
Quantity cookery. 1522
Food preparation for quality Type A lunches. 1532
A directory of systems capability. 1569
Breakfast program in schools receives wide acceptance. 1978
If we had haw, we could have haw and eggs - if we had eggs. 2005
Marketer's: New business in school lunch. 2021
A study of the effect of certain management factors on nutritive value and pupil participation in the school lunch. 2040
School systems implementation: Text style. 2059
Summer food service in Cincinnati. 2071
Food service in public schools. 2083
A guide for planning food service in child care centers. 2091
What was the Rutgers study? 2100
Cooking and catering the wholefood way. 2118
From New England - menu and merchandising notes. 2140
The Guide to convenience foods. 2143
Cooking for small groups. 2171
Money-saving main dishes. 2173
Woman's Day Encyclopedia of cookery, vol. 3. 2182
Woman's Day encyclopedia of cookery, vol. 1. 2183
Woman's Day encyclopedia of cookery, vol. 10. 2184
Woman's Day encyclopedia of cookery, vol. 11. 2185
Woman's Day encyclopedia of cookery, vol. 12. 2186
Woman's Day encyclopedia of cookery,

vol. 2. 2187
Woman's Day encyclopedia of cookery, vol. 4. 2188
Woman's Day encyclopedia of cookery, vol. 5. 2189
Woman's Day encyclopedia of cookery, vol. 6. 2190
Woman's Day encyclopedia of cookery, vol. 7. 2191
Woman's Day encyclopedia of cookery, vol. 8. 2192
Woman's Day encyclopedia of cookery, vol. 9. 2193
Tables of food values. 2209
Food & menu dictionary. 2223
MERCHANDISE INFORMATION
Consumer behavior. 16
Franchising in perspective. 830
Tells of a unique product safety testing organization. 1658
Notabook on soy: textured vegetable protein product fact sheet. 2254
Purchasing food for food service establishments. 2322
MERCHANDISING
New regulations on "cents-off" promotions. 28
Organic foods. 31
Unit pricing and open dating. 42
Trends in the U.S. meat economy. 664
Emphasize product identity on labels. 681
Two nutritional labeling systems. 721
The "captive" employee unshackled. 749
Consumers rate frozen cuts equal to fresh meat in flavor, juiciness. 788
Fresh beef ads and product names. 831
The gourmet galaxy: a food odyssey. 844
How patrons are lured to individual eating establishments. 852
Planning and operating a successful food service operation. 865
Promotion in food service. 874
Organizing for marketing and new product development. 915
Positioning creative touch - a new way to flavor foods. 923
Some factors in building an effective marketing program. 955
Marketing in action for hotels, motels, restaurants. 967
Venturing into the '70's. 994
Will advance testing reduce new product risks? 1000
Training food service personnel for the hospitality industry. 1292
The smile of success: service with a smile. 1300
Write your own ticket (Filmstrips/Records). 1316
The dynamics of marketing to dieters. 1331
Menu design - merchandising and marketing. 1358
Breakfast: the fare that's first in profits. 1349
Cereal service: breakfast and beyond. 1397
The cookie man can. 1407
The crunch of crackers. 1410
Finger food industry-new life for fated menus. 1422
From the Great Midwest. 1431
From the bounty of California. 1432
The great American menu 'ix. 1439
Heroes & submarines - new life for fated menus. 1443
Hurray for the clockwork orange!. 1452
Merchandising school lunch. 1464
The parent product. 1482
The east is present. 1483
Planned merchandising sells wine for Red Coaches. 1486
Pecans produce increases FF volume by selling a convenience concept. 1487
A practical formula for successful wine business. 1492
A handbook on quantity food management. 1512
What is the future of textured protein products? 1540
What systems built: favored fare of '72. 1541
Special atmosphere II: country/Colonial themes. 1545
The nautical way. 1595
A simplified systems approach to multi-unit design. 1663
Single service: the creative plus. 1667
The 3C's of atmosphere, II. 1688

- The 30's of ethnography. 1. 1689
The youth market says to do its thing. 1691
The changing role and form for packaging. 1802
Developing a product to make solids taste good. 1823
Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1827
Frozen foods participants in organic foods 2000. 1861
Further processed, pre-cooked frozen meats growing at better than 23% annually. 1953
Microfranchise. 1881
New to the convenience roster: canned crushed tomato. 1893
Positioning a product for the special market. 1913
Unique, concise package chosen for ethnic dinner mix market. 1959
The Sacramento system: commodity comparability. 2050
Culinary lights from Latin America. 2125
From New England - menu and merchandising notes. 2140
Viva Espirit! 2179
- METABOLIC DISORDERS**
Dietetic foods. 33
Nutrition and "era pill". 379
Nutrition and stress (Slides). 387
Soybean milk - a low-methionine substitute for cow's milk for children and adults. 1339
- METABOLIC STUDIES**
Nutrition/cardiovascular reviews, 1970-1971. 63
Basal metabolic rate of women - an appraisal. 76
Behavioral and metabolic consequences of weight reduction. 35
Diet as a regulator of metabolism. 141
Frequency of feeding, weight reduction, and nutrient utilization. 215
Blood serum vitamin A and carotenoid studies of preadolescent children. 282
Basic data on metabolic matters in 7- to 10-year-old girls in selected Southern states. 533
Utilization of inorganic elements by young women eating iron-fortified foods. 575
Home economics research abstract: 7. food and nutrition 2175
- METABOLISM**
Nutrition II. 59
Nutrition of animals of agricultural importance: part 1. 134
Diet as a regulator of metabolism. 141
Effects of frequency of eating - part 1. 163
Effects of frequency of eating - part 2. 164
Fat metabolism in children - influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 175
The Maine rainbow of nutrition. 234
How a hamburger turns into you (Motion picture). 240
How a hamburger turns into you (Video-cassette). 241
Interactions of nutrients with oral contraceptives and other drugs. 257
Iron absorption by adults fed mixtures of rice, milk, and wheat flour. 261
Iron metabolism (Slides). 264
Iron, blood, and nutrition. 256
Metabolic effects of meal frequency on normal young men. 304
Multidisciplinary approach to the problem of obesity - sixth Martha F. Truison Memorial Lecture. 327
Newer methods of nutritional biochemistry with applications and interpretations - volume V. 368
Nutrition notes: dairy group contents on nutritional labeling guidelines. 411
Nutritional problems after fifty. 423
Obesity - new happenings. 433
Protein components of blood and dietary intake of preschool children. 457
Research on diet and behavior. 471
Review of protein and carbohydrate metabolism. 475
Trace elements in human and animal nutrition. 567
Vitamins from food (Motion picture). 584
Vitamin. From food (Video-cassette). 585
- Water metabolism (Slides). 586
Water, the indispensable nutrient. 587
You and your food (Motion picture). 617
You and your food (Motion picture) (Spanish). 618
- METRIC SYSTEM**
Start now to think metric. 36
The calorie versus the Joule. 104
Use of metric measurements in food preparation. 1531
The metric question - expect new packages, trade shifts. 1880
- MEXICAN-AMERICANS**
Food habits of migrant farm workers in California - comparisons between Mexican-Americans and "Anglos". 202
Mexican-American food items in the Tucson, Arizona, school lunch program. 1990
- MEXICO**
Improving nutrition in less developed areas. 254
- MICHIGAN**
How we started students on successful foodservice careers. 1039
- MICROBIAL CONTAMINANTS**
Microbiology of frozen cream-type pies, frozen cooked-peeled shrimp and dry food-grade gelatin. 305
A 24-hour method for the detection of coagulase-positive staphylococci in fish & shrimp. 621
FDA seeks simpler, fast microbiological controls. 682
Legal requirements for food safety. 696
Bacterial contamination of food. 1696
Botulism. 1697
Food sanitation. 1719
Quantity food sanitation. 1741
Quantity food sanitation. 1743
The microbiology of frozen vegetables. 1745
A practical primer on essential sanitation concepts. 1758
The safety of foods. 1760
Staphylococcal control and the food processor. 1779
Turkey: the bad guy of school lunch. 1781
Turkey roulades present year 'round serving idea for seasonal fowl. 1953
Practical food microbiology and technology. 1962
- MICROBIOLOGY**
Nutrition of animals of agricultural importance: part 1. 134
Modern dairy products. 640
The science of meat and meat products. 658
FDA seeks simpler, fast microbiological controls. 682
Sanitary techniques in food service. 1742
Sanitary food service. 1782
Some applications of enzymes of microbial origin to foods and beverages. 1935
The technical microbiological problems in intermediate moisture products. 1947
Practical food microbiology and technology. 1962
A select bibliography and library guide to the literature of food science. 2262
- MICROCRYSTALLINE CELLULOSE**
Bulk agents in foods - acceptability by obese individuals. 100
Better heat shock resistance and extrudability in ice creams with microcrystalline cellulose. 1794
Textures vegetable protein, fish protein concentrate, and microcrystalline cellulose as extenders in meat loaves. 2335
- MICROORGANISMS**
Protein from microorganisms. 1923
- MICROWAVE COOKING**
Effect of microwave heating on vitamin B6 retention in chicken. 161
Effects of microwaves on food and related materials. 155
Elements of food production and baking. 1456
Microwave cooking in meal management. 1465
Convenience and fast food handbook. 1521
Microwaves: the ultimate gains for providing short order service at fantastic speeds. 1609
New dimensions in microwave cookery. 1635
Our evolving technology. 1647
Special foods & equipment for the food service industry. 1671
Weaver sneeds chicken processing with giant microwave system. 1683
The finishing kitchen. 1686
Microwave eater permits frozen foods in foil containers to heat in minutes. 1882
Microwave vs. conventional cooking of vegetables at high altitude. 1883
Precooking and reheating of turkey. 1916
A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1968
- MID-LIFE CRISIS**
The mid-life crisis. 1. 889
- MIDDLE ADULTS (35-64 YEARS)**
Nutritional problems after fifty. 423
The mid-life crisis. 1. 889
- MIDDLE EAST**
Food composition: Tables for use in the Middle East. 2258
- MIGRANT WORKERS**
Food habits of migrant farm workers in California - comparisons between Mexican-Americans and "Anglos". 202
Keep clean, stay well (Motion picture). 1729
Safe food (Motion picture). 1763
Safe food (Motion picture). 1764
Summer programs offer "three squares". 2073
- MILITARY FOOD SERVICE**
Computer-managed subsistence system. 785
Food service for the Army and Air Force. 973
Commissarymen 3 & 2. 1276
Frozen meals, individually prepared in foil packs, cut costs by 35%. 1433
Sanitary food service. 1782
Nutritive value of canned meals. 1905
- MILK**
The cost of milk and milk products as sources of calcium. 13
How Americans use their dairy foods. 27
Basic values in nutrition: part 1: milk and meat group (Transparencies). 78
Cholesterol, fat, and protein in dairy products. 117
Food purchasing practices of young families. 207
Functions and interrelationships of vitamins. 219
Good food works for you (Show n' Tell). 226
Iron absorption by adults fed mixtures of rice, milk, and wheat flour. 261
Milk and milk products in human nutrition. 273
Milk drinking by the lactose intolerant - comparison of Caucasian and Oriental adults. 307
Uncle Jim's dairy fare. 330
More milk please! 335
My friend the cow. 336
Animals that give people milk. 344
Newer knowledge of milk. 349
Let's take milk apart. 350
Taking milk apart. 351
Milk information sheet. 355
Some aspects of protein nutrition. 494
Hello U.S.A. 644
Dairy inspection and grading services. 732
Acceptability of low-fat milk by school children. 750
Commercial bulk milk dispensing equipment and apportionances. 1618
Milk and public health (Motion Picture). 1746
Soybean milk - a low-methionine substitute for cow's milk for children and adults. 1939
Techniques for milk protein testing. 1948
The Federal School Lunch and Special Milk Program in Tennessee. 2075
Milk in family meals. 2172
Purchasing dairy products for food service establishments. 2324

MILK PRODUCTS

MILK PRODUCTS

The cost of milk and milk products as sources of calcium. 13
How Americans use their dairy foods. 27
Basic values in nutrition: part I: milk and meat group (transparencies). 74
Bland, solidly whey protein concentrate has excellent nutritional properties. 96
Composition and nutritive value of dairy foods. 123
Milk and milk products in human nutrition. 273
Major mineral elements in dairy products. 235
Mulligan stew: the great nutrition turn on (motion picture). 323
Mulligan stew: the great nutrition turn on (Videocassettes). 325
Newer knowledge of cheese. 345
Let's take milk apart. 350
Taking milk apart. 351
Nutritional value of casein and whey protein. 428
On-target meals: action for health (filmstrip). 442
Nutritional knowledge and consumer use of dairy products in urban areas of the South. 513
Modern dairy products. 640
Byproducts from milk. 667
Dairy inspection and grading services. 732
Should milkshakes have a place in the type A lunch? 1350
Food study manual. 1398
Ground beef: passport to far-away eating (filmstrip). 1440
Are U.S. dairymen overlooking potential of frozen milk concentrates market? 1793
Burger-type products from textured skim milk curd. 1799
Cheese packages - goatskins to laminates. 1833
Development and product applications for a high protein concentrate from whey. 1823
The food processing front of the seventies. 1854
Fortifying soft drinks with cheese whey protein. 1858
Preparation and growth producing evaluation of a concentrated coprecipitate of soy-cheese whey protein. 1917
Soy-whey-milk offers economic substitute for frozen whole milk concentrates. 1938
A renaissance of natural cheeses. 2161
Milk in family meals. 2172
Purchasing. 2310
Using storage in food service establishments. 2323
Purchasing dairy products for food service establishments. 2324
MILK PROGRAMS
A new decade for School Food Service. 2029
The Federal School Lunch and Special Milk Program in Tennessee. 2075
MILK SHAKES
Should milkshakes have a place in the type A lunch? 1350
MINERALS
Nutrition II. 59
Nutrition: a course for school food service personnel. 101
Statement of Walter A. Donatoni, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
Contribution of hard water to calcium and magnesium intakes of adults. 123
The dietary iron controversy. 146
Diets of preschool children in the North Central Region: calcium, phosphorus and iron. 150
The experts debate: the added enrichment of bread and flour with iron. 172
The heart of the matter - a matter of opinion. 233
Iron, blood, and nutrition. 256
Major mineral elements in type A school lunches. 285
Major mineral elements in dairy products. 286
Minerals and body structure. 303
Calcium in nutrition. 338
Proteins and minerals (film loop). 461

Round-table discussion. 479
Selenium: the sedating mineral. 486
Trace minerals in type A school lunches. 529
Legal developments: FDA releases labeling regulations. 695
Food composition: tables for use in the Middle East. 2258
MINORITY GROUPS
Minority view: dumping ground or opportunity? 1160
MISCELLANEOUS FOODS
Family fare. 542
Positioning creative touch - a new way to flavor foods. 923
Quantity food preparations: a course for school food service. 1392
Glorious garnishes: focus on foods Aug 1. 1438
Understanding cooking. 1459
Developing a product to make salads taste special. 1823
Positioning a product for the special market. 1913
Purchasing. 2310
MISSISSIPPI
Food consumption of low-income, rural Negro households in Mississippi. 193
Nutritional status of Negro preschool children in Mississippi - evaluation of HOP index. 425
MISSOURI
So much, for so many, for so little. 1243
MODELS
Consumer behavior. 16
"KUPS" - Knowledge Utilization for Problem Solving. 748
Developing alternatives in nutrition education. 800
The ideal's concept---a systems approach to school food service problems. 857
Quantitative inventory management. 929
An experiment in integrating nutrition education into the elementary school curriculum (A panel). 1086
Nutrition and communication. 1190
Nutrition implementation programs as communication systems. 1197
A systematic training and teaching program. 1253
Choosing from alternatives in expanding storage space for frozen food. 2304
MONEY MANAGEMENT
Don't overlook business-connected personal tax deductions. 804
MONOSODIUM GLUTAMATE
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1954
MONTANA
Changing Head Start mothers' food attitudes and practices. 1050
MORALE
Nutrition and health-screening services for the elderly - report of a demonstration project. 382
Profitable food service management thru reduction of employee turnover. 900
MOTIVATION
Behavior modification in a self-help group - a pilot study. 46
Nutrition, Learning, Behavior and Motivation. 414
Dynamics of motivation. 405
The management of people in hotels, restaurants, and clubs. 878
The art of motivating. 491
Motivation: the importance of being earnest. 893
Profitable food service management thru worker motivation. 901
Basics of adult motivation. 1035
Educational directions. 1078
Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
The sale of success: service with a smile. 1300
Summer programs offer 'three squares'. 2073
MOUTH DISORDERS
Research explores nutrition and dental health. 357
MUFFINS
Muffins (film loop). 1468
MUSIC
Nutrition in music (Audiotape). 408

NATIONAL SCHOOL BREAKFAST PROGRAM
You too can start a food program. 2105
NATIONAL SCHOOL LUNCH PROGRAM
The school lunch - a component of educational programs. 481
National School Lunch Program. 465
Public Law 91-248, 91st Congress, H.R. 515. 723
Children's food service programs - conference report. 724
Personnel management and work organization. 909
Private school lunch. 944
Our future is you (motion picture). 1209
Their daily bread. 1944
Food for all school children: when? 2004
Nobody knows who pays. 2030
School lunch looks to the future. 2057
Lunch programs in the nation's schools. 2081
Food service in the nation's schools: a preliminary report. 2084
Child nutrition programs. 2090
You too can start a food program. 2105
NATIONAL SURVEYS
Canada launches a national nutrition survey. 107
Malnutrition in the United States. 268
Nutrition (Panel 1.) (Panel 2.). 328
Nutrition Canada. 378
Some factors for refusal to participate in nutrition survey. 495
Food and nutrient intake of individuals in the United States: spring 1965. 534
Dietary levels of households in the United States, spring 1965. 545
Food service in the nation's schools: a preliminary report. 2084
Implications of the national nutritional study. 2241
NEBRASKA
Food---life depends on it. 1103
NECTARINES
Nectarines. 43
NEGROES
Food consumption of low-income, rural Negro households in Mississippi. 193
Nutritional status of Negro preschool children in Mississippi - evaluation of HOP index. 425
Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426
NERVOUS SYSTEM
Physiologic control of food intake. 449
NERVOUS SYSTEM DISORDERS
How can we solve malnutrition in the U.S.? 242
How nutrition affects the central nervous system. 244
Malnutrition, learning, and behavior. 249
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1954
NEW FOODS
Finding the correct retail package to introduce an unbelievable product. 1847
Notebook on soy: USDA answers questions about new foods. 1497
Notebook on soy: agricultural research means new foods. 1498
Notebook on soy: why 'engineered' foods at school. 1899
What was the Rutgers study? 2100
NEW JERSEY
A nothing lunch program becomes really something - at decent cost. 1477
NEW MEXICO
How to purchase for school lunch. 1176
NEW PRODUCTS
Tables of food composition: scope and needed research. 510
Confusing laws complicate marketing picture for new products. 679
Organizing for marketing and new product development. 915
Venturing into the '70's. 994
Will advance testing reduce new product risks? 1000
From the bounty of California. 1432
What is the future of textured protein products? 1540
New models 1971 - coffee brewers, serving equipment, toasters. 1640
Burger-type products from textured skim milk curd. 1799

- Cereal grains as dietary protein sources. 1801
Developing a product to make salads taste special. 1523
Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1527
Exploit new product technology. 1840
The food processing front of the seventies. 1354
Frozen, precooked rice shapes suitable for all markets. 1862
Innovation vs nutrition as the criterion for food product development. 1873
Meat patties chosen first product to gain nutritional, textural advantages of new protein fiber. 1875
The new foods and the markets that need them. 1857
New products from smaller companies. 1892
Non-dairy cheese - a unique reality. 1896
Nutrition upgraded, final texture controlled using new structured protein fiber. 1923
Positioning a product for the special market. 1913
The share of food service to come: a table of the future with a note on the present. 1913
What are textured protein products? 1963
- NEW YORK (STATE)**
The lunch punch study. 131
- NITROGEN COMPOUNDS**
Some aspects of protein nutrition. 494
Nitrites and nitrates in food. 1395
- NON-ALCOHOLIC BEVERAGES**
Cold beverage systems. 1564
Tea and coffee. 1946
- NONPROFESSIONAL PERSONNEL**
A critical evaluation of in-service training for classified employees in selected educational organizations in the United States. 1245
- NONVERBAL COMMUNICATION**
Improving the nonverbal dimension of communication. 1123
- NOODLES**
Fish protein concentrate enrichment of noodles. 1849
- NORTH CAROLINA**
Focus on cultural development: improving child nutrition. 155
School lunch in High Point: a community pride. 2055
School lunch in High Point: a community's pride. 2056
- NURSING**
Integrating nutrition into the nursing curriculum. 1127
Programmed instruction in nutrition for collegiate nursing students. 1219
A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patients for use in schools of nursing. 1235
- NURSING HOMES**
Nursing homes and related health care facilities. 2287
- NUTRIENT CONTENT DETERMINATION**
Enrichment facts for the consumer. 17
Assaying the availability of iron - techniques, interpretations, and usefulness of the data. 73
Blends, soluble whey protein concentrate has excellent nutritional properties. 96
Diet and nutrition of preschool children in Honolulu - survey of low- and middle-income families. 140
Effect of microwave heating on vitamin B6 retention in chicken. 161
Fat metabolism in children - influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 175
Fatty acids in foods served in a university food service. 178
Fatty acids, cholesterol, and proximate analyses of some ready-to-eat foods. 187
Folic acid in wheat and selected foods. 185
Food intake of infants attending well-baby clinics in Honolulu. 203
Food uses of criticality. 209
A half century of changing food habits among Japanese in Hawaii. 231
Iron content of some Mexican-American foods - effect of cooking in iron, glass, or aluminum utensils. 262
Major mineral elements in dairy products. 286
Nutrition notes: protein measuring system proposed to simplify nutritional comparisons. 413
Nutritional value of casein and whey protein. 428
Nutritive analysis of frozen fully cooked institutional foods. 430
Nutritive content of the usual diets of eighty-two men. 431
Nutritive value of "organically grown" foods. 432
Preformed vitamin A, carotene, and total vitamin A activity in usual adult diets. 452
Protein components of blood and dietary intake of preschool children. 457
Tables of food composition: scope and needed research. 510
Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
Trace minerals in type A school lunches. 529
Nutrient labeling....Purpose and approach. 699
Nutrition labeling: more information to help the consumer select foods. 702
Nutritional labeling: a need for caution. 707
Automated determination of protein-nitrogen in foods. 1795
Cereal grains as dietary protein sources. 1801
Nutritional iodine in processed foods. 1904
Nutritive value of canned meats. 1905
Reconstituting irradiated frozen meats with integral heat. 1927
Techniques for milk protein testing. 1948
Texturizing process improves quality of baked French fried potatoes. 1951
Mexican-American food items in the Tucson, Arizona, school lunch program. 1990
Nutrient contribution of a meals program for senior citizens. 2033
Commercially prepared strained and junior foods for infants. 2219
National Data Center for Food Composition. 2251
Tables of food composition: Availability, uses, and limitations. 2272
Storage of fresh broccoli and green beans - effect on ascorbic acid, sugars, and total acids. 2347
- NUTRIENT EXCESSES**
Diet and atherosclerosis. 139
Obesity - new happenings. 433
Obesity - part 3. 434
Food and nutrition. 445
Selenium: the oddening mineral. 486
Supplemental protein: does the U.S. diet really need it? 506
The teenage obesity problem - why? - part two. 515
The teenage obesity problem - why? - part 1. 516
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 729
- NUTRIENT INTAKE**
Food and nutrient intake of children from birth to four years of age. 190
- NUTRIENT QUALITY DETERMINATION**
Blends, soluble whey protein concentrate has excellent nutritional properties. 96
Newer methods of nutritional biochemistry with applications and interpretations - volume V. 365
Protein quality and PEP: concepts important to future foods. 459
- NUTRIENT RETENTION**
Thiamine and riboflavin retention in cooked variety meats. 525
Effect of packaging methods on frozen asparagus. 1834
Symposium: Effects of processing, storage, and handling on nutrient retention in foods. 1944
What was the Rutgers study? 2100
- NUTRIENT VALUES**
Communicating with the consumer: natural and synthetic nutrients. 6
The cost of milk and milk products as sources of calcium. 13
Enrichment facts for the consumer. 17
FF industry must gain consumers' confidence in nutrient values. 18
Handbook of nutrition. 64
Animal protein-keystone of foods. 65
Balanced nutrition through food processor practice of nutrition: model experience in school food service. 74
Basic human nutrition and the RDA. 77
Your heart has nine lives. 95
Blends, soluble whey protein concentrate has excellent nutritional properties. 96
Complete teaching kit on cheese (films-trips). 122
Contribution of hard water to calcium and magnesium intakes of adults. 128
Crackers fortified with fish protein concentrate (FPC): nutritional quality, sensory and physical characteristics. 132
The dietary iron controversy. 148
Enrichment and fortification of foods, 1966-70. 167
The experts debate: the added enrichment of bread and flour with iron. 172
Explanation of food composition tables and comparison of actual intake with recommended intake. 173
Folic acid in wheat and selected foods. 185
Food acceptance and nutrient intake of preschool children. 189
Food Quality - a focus for togetherness for food scientists and nutritionists. 208
Fulfilling the scientific community's responsibility for nutrition and food safety. 217
The heart of the matter - a matter of opinion. 233
Implications of changing food habits for nutrition educators. 251
Improving nutrient content of foods served. 253
Food, nutrition and diet therapy. 274
Food becomes you or better health through better nutrition. 279
Linear programming controls amino acid balance in food nutrition. 280
Calcium in nutrition. 338
Nutrition source book. 341
Newer knowledge of cheese. 348
Newer knowledge of milk. 349
Milk information sheet. 355
Newer methods of nutritional biochemistry with applications and interpretations - volume V. 368
Nutrients in university food service meals - I. Data determined by food inventory. 375
Nutrients in university food service meals - II. Data from meals selected by students. 376
Nutrition and the Type A lunch. 388
Nutrition for Head Start. 398
Nutrition for food service workers. 399
Nutrition to meet the human needs of older Americans. 416
Nutritional review. 424
Nutritional value of casein and whey protein. 428
Nutritional value of turkey protein - effects of heating and supplementary value for poor proteins. 429
Nutritive analysis of frozen fully cooked institutional foods. 430
Nutritive content of the usual diets of eighty-two men. 431
Nutritive value of "organically grown" foods. 432
Of (iron) pots and pans. 437
Psychosocial implications of the nutritional needs of the elderly. 452
Research on diet and behavior. 471
Responsibility of dietitians for providing information about food: its wholesomeness and nutritional value. 473
Round-table discussion. 479
Seasonal variations in U.S. diets. 483
Spot vitamin A with color clues. 500
Tables of food composition: scope and needed research. 510
Thiamin content and retention in venison. 524
Tools for teaching food needs. 528
Nutritive value of foods. 535
Amino acid content of foods. 539
Food selection for good nutrition in group feeding. 541
Pantothenic acid, vitamin B6, and vitamin B12 in foods. 543
Conserving the nutritive values in

NUTRIENTS

foods. 544
Dietary levels of households in the United States, spring 1965. 545
An evaluation of research in the United States on human nutrition. 550
Looking at nutrition 12 ways. 571
Vitamin A and iron in infants' diets in Israel. 578
Vitamins and the growing body. 581
Water, the indispensable nutrient. 587
What is soy protein? 598
Who turns the child "off" to nutrition. 607
Review of nutrition and diet therapy. 611
The wheel of health. 514
Yogurt: is it truly Adelle's B vitamin? 615
The ancient melan pops up modern venus. 623
The berries with bounce. 626
Modern dairy products. 640
Peanuts: the first snack food. 653
The science of meat and meat products. 656
A split pea special: a 1970 market report. 653
Dry onions. 665
Byproducts from milk. 567
A commentary on the new F.O.A. nutritional labeling regulations. 675
FF peckers under the gun to meat nutritional labeling deadlines. 684
Food labeling regulations. 685
Nutrient labeling....Purpose and approach. 599
Nutrition labeling--more information to help the consumer select foods. 701
Nutrition labeling: more information to help the consumer select foods. 702
Nutritional guidelines - the how, the why, and the when. 704
Nutritional guidelines and labeling. 705
Nutritional guidelines and the labeling of foods. 706
Nutritive labeling. 735
Product development news: Del Monte to use proposed nutrient labeling, estimates cost for data at \$250,000. 717
Some considerations for nutritional labeling. 718
The use of a computer in formulating low cost diets. 790
Integrated nutrition and food cost control by computer. 1340
Should milkshakes have a place in the type A lunch? 1350
Handbook of twenty consecutive menus as submitted by Utah districts. 1367
Understanding baking. 1379
Rice ideas for school lunch. 1499
Food preparation for quality type A lunches. 1532
Cereal grains as dietary protein sources. 1801
Effect of processing on provitamin A in vegetables. 1835
Effects of some new production and processing methods on nutritive values. 1837
Fortifying soft drinks with cheese whey protein. 1835
Innovation vs nutrition as the criterion for food product development. 1870
Nutritional iodine in processed foods. 1904
Recent developments in the vitamin technology of bread--history pertinent today. 1926
Some things you might not know about the foods served to children. 1936
Symposium: Effects of processing, storage, and handling on nutrient retention in foods. 1944
An evaluation of the protein quality of a textured soybean product. 1961
Break for the "lunch bus". 1976
Mexican-American food items in the Tucson-Arizona school lunch program. 1990
Effects of USDA commodity distribution program on nutritive intake. 1993
Food to follow through. 2006
Nutrient contribution of a meals program for senior citizens. 2033
A study of the effect of certain management factors on nutritive value and pupil participation in the school lunch. 2040
Cheese cookery for everyone. 2120
Tables of food values. 2209

Food values of portions commonly used. 2216
National Data Center for Food Composition. 2251
Nutritive value of fruits and vegetables. 2253
Nutritional review. 2255
Nutritive values of foods distributed under USDA food assistance programs. 2256
Food composition: Tables for use in the Middle East. 2258
Food values and calorie charts. 2271
When you advertise: fresh fruits and vegetables. 2357

NUTRIENTS

Communicating with the consumer: natural and synthetic nutrients. 6
Food - the yearbook of Agriculture 1959. 39
Handbook of nutrition. 64
Centralized food supplies. 110
Food is more than nutrients. 204
Food purchasing practices among young families. 207
Foods for teens: snacks that count (Show'n Tell). 212
Food science: a chemical approach. 213
Good food works for you (Show'n Tell). 226
The Heinz handbook of nutrition. 234
Interactions of nutrients with oral contraceptives and other drugs. 257
It all begins as breakfast. 269
Food, nutrition and diet therapy. 274
Major mineral elements in Type A school lunches. 285
Food for you. 302
Mulligan stew: Getting it all together (Motion picture). 317
Mulligan stew: Getting it all together (Videocassette). 318
Choose your calories by the company you keep. 356
Nutrients in university food service meals - I. Data determined by food inventory. 375
Nutrients in university food service meals - II. Data from meals selected by students. 375
Nutrition for food service workers. 399
Nutrition notes: dairy group comments on nutritional labeling guidelines. 411
Observations: let's look beyond nutrition to identify proteins. 436
Utilizable protein: quality and quantity concepts in assessing food. 575
Water, the indispensable nutrient. 587
What's good to eat (Motion picture). 600
What's good to eat (Videocassette). 601
Ice cream. 625
The big debate: should FF be fortified? 672
Frozen dinner nutritional contents equated with government guidelines. 687
Key nutrients. 1279
Automated determination of protein-nitrogen in foods. 1795
Food applications for membrane ultrafiltration. 1851
Food values of portions commonly used. 2216
Nutritional review. 2255
Composition of foods. 2280

NUTRITION

Communicating with the consumer: basic research on nutrition and safety. 4
Communicating with the consumer: food and nutrition press information service. 5
Buying nutrition. 25
ASBO resolution affirms dedication to educational and food service needs of students. 48
Nutrition for athletes: A handbook for coaches. 60
Nutrition/cardiovascular reviews, 1970-1971. 63
Handbook of nutrition. 64
An anthropologist views the nutrition professions. 66
The application of nutrition information to persons trained in food service who do not have a dietitian as a continuous resource of nutrition information. 67
Nutrition II. 69

Basic human nutrition and the RDA. 77
Nutrition: a comprehensive treatise. 83
The behavioral cybernetic components of human nutrition. 89
Nutrition: a course for school food service personnel. 101
California states its position. 102
The great nutrition puzzle. 103
Canada launches a national nutrition survey. 107
Child nutrition: An idea whose time is here. 114
Communicating with the consumer: nutrition for a good start. 121
Nutrition of animals of agricultural importance; part 1. 134
Human nutrition and dietetics. 135
The family guide to better food and better health. 138
Drugs and nutrition. 156
Focus on nutrition...You can't teach a hungry child. 2. 184
Food quality - a focus for togetherness for food scientists and nutritionists. 208
Fulfilling the scientific community's responsibility for nutrition and food safety. 217
General factors affecting college foods food preferences, habits, and intake. 222
The Heinz handbook of nutrition. 234
Household food spending affects diet adequacy. 239
How nutrition affects learning and behavior. 243
How nutrition relates to learning. 245
Basic nutrition in health and disease including selection and care of food. 248
Iron, blood, and nutrition. 266
Milk and milk products in human nutrition. 273
Encyclopedie moderne de l'hygiene alimentaire. 276
Food becomes you or Better health through better nutrition. 279
Men as a patient. 290
Progress in human nutrition: volume 1. 291
Minerals and body structures. 308
NUCOINS: nutrition consumer information system. 329
Feeding little folks. 332
Research explores nutrition and dental health. 357
National nutrition education conference. 359
The need for iron fortification. 360
Nutrition and school lunch. 364
Nutrition and school food service, state of New Mexico. 365
Symposium papers on food and health. 367
Newer methods of nutritional biochemistry with applications and interrelations - volume V. 368
Basic nutrition and menu planning. 370
Nutrition and "the pill". 379
Nutrition and cell growth. 380
Nutrition and handicapped children. 381
Nutrition and ischemic heart disease. 383
Nutrition and learning - implications for schools. 384
Nutrition and pregnancy. 385
Nutrition and stress (Slides). 387
Nutrition for Head Start. 398
Nutrition for food service workers. 399
Food, science, and society. 401
1969-1970 report. 404
Nutrition notes: dairy group comments on nutritional labeling guidelines. 411
Nutrition programs for senior citizens. 414
Nutrition, Learning, Behavior and Motivation. 418
Nutrition: A pre-condition to learning. 419
Preschool nutrition workshop sums up recommendations. 454
Men and food. 465
Rap sessions with Dr. Perryman--A dialogue with seminar participants. 466
Basic nutrition and diet therapy. 476
Amino acid fortification of protein foods. 482
Food and nutrition. 485

Sensible nutrition. 455
Some interactions between nutrition and stress. 495
Teacher, there's an eggplant in the classrooom. 513
Textured vegetable protein (TVP). 520
Nutrition and intellectual growth in children. 522
An evaluation of research in the United States on human nutrition. 535
Nutrition. 540
Food selection for good nutrition in group feeding. 541
Family fare. 542
Publications list and research reference. 543
An evaluation of research in the United States on human nutrition. 553
Nutrition and feeding of infants and children under three in group day care. 561
A guide to nutrition and food service for nursing homes and homes for the aged. 565
Trace elements in human and animal nutrition. 567
Looking at nutrition 12 ways. 571
Vitamins and body structure. 583
Water, the indispensable nutrient. 587
We can't separate nutrition from social and biological sciences. 588
What do we mean by "nutrition"? 593
White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
White House Conference on food, nutrition and health: final report. 606
The American and his food. 633
Notes on the history of nutrition in America. 650
Review of basic nutrition concepts. 658
The development of a national nutrition policy. 660
The changing food market - nutrition in a revolution. 774
Ecological pressures on nutritional resources. 807
A compilation of information on consumer applications in nutrition and food sciences. 711
The three A's of change - Anticlogging, Accepting, Actuating. 973
School food service management development program: Manual, advanced course. 1001
Bioenergetics: an ecological approach to nutrition education. 1038
Introduction to professional food service. 1053
Exemption of students for first courses in food and nutrition. 1055
Food science and human nutrition. 1098
School food service management, short course I. 1133
Food handling and food service examinations. 1149
The master of science program in nutrition. 1154
An overview of school food service. 1186
Oklahoma school lunch handbook. 1200
Basic menu planning. 1207
Basic menu planning. 1208
Training the food service worker (Kit). 1272
Food service supervisor-school lunch manager. 1274
Commissioner 3 & 2. 1276
Cook's: a suggested guide for a training course. 1290
School food service management development program: Manual, intermediate course. 1313
Diet is not just a four-letter word. 1329
Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1335
Integrated nutrition and food cost control by computer. 1340
Points for planning Type A lunches. 1355
You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
Conversion and packaging of food products for use where facilities and personnel are limited or non-existent. 1813
Exploring different ways of meeting nutritional needs. 1841
Nutrition notes: where are we going

with school feeding? 1902
ENEP evaluated. 1991
If we had hens, we could have hen and eggs - if we had aggs. 2005
The man in charge - the government nutrition program. 2026
Nutrition is the school's business. 2035
Nutrition services in child health programs. 2036
White House Conference on Aging - report of the Nutrition Section. 2101
Home economics research abstract: 7, food and nutrition. 2198
Dictionary of nutrition and food technology. 2204
Conversion factors and technical data for the food industry. 2259
A select bibliography and library guide to the literature of food science. 2262
Aging and nutrition. 2267
A guide to nutrition terminology for indexing and retrieval. 2276
Selected list of reliable nutrition books (revised 1970). 2277
Potatoes made easy for school lunch. 2339
NUTRITION EDUCATION
Consumer education to minimize the abuse of foods. 3
Nutrition education: an integral part of consumer education. 29
Quality assurance--today & tomorrow. 33
Food - the yearbook of Agriculture 1959. 39
"Talk-Ins"--Summary of group reports: Role of the school food service in nutrition education. 46
ARA sells a "rainbow" lunch. 47
Action on teenage nutrition. 50
Adventures in nutrition education resources no. 1 -- nutrition education resource materials presentation with emphasis given to the role of the School Food Service. 52
The good foods book. 53
Alcoholic malnutrition (Slides). 54
Alexander's breakfast secret (Filmstrip). 55
American School Food Service Association blueprint for school food service and nutrition education. 59
Nutrition for athletes: A handbook for coaches. 60
An anthropologist views the nutrition professions. 66
Applying learning theory in teaching nutrition. 68
Attitudes of aides and clients in the expanded nutrition program. 71
A balanced diet (Film loop). 73
Basic values in nutrition: part I: milk and meat group (Transparencies). 78
Basic values in nutrition: part II: vegetable-fruit group (Transparencies). 79
Basic values in nutrition: part III: bread-cereal group (Transparencies). 80
Be creative in nutrition education. 82
The beginning of life (Filmstrip). 85
The big dinner table (Motion picture). 91
The big dinner table (Videocassette). 92
Big Ideas in nutrition education. 93
Nutrition and physical fitness. 97
Breakfast and the bright life (Filmstrip/Record). 98
Breakfast: 4-4-3-2 way (Show 'N Tell). 99
California states its position. 102
Calories (Film loop). 105
Carbohydrates and rats (Film loop). 109
Centralized food supplies. 110
Nutrition. 111
Statement of Walter A. Conston, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
Concepts of food habits of "other" ethnic groups. 125
Coordinating nutrition education in schools, home and community. 130
Fun with food facts. 137
Doing great things (Motion picture). 154
Nutrition education guide. 158
Education increases consumption of vegetables by children. 159
Teaching nutrition. 168
The expanded food and nutrition education program. 171
Exploring the need for nutrition education. 174
Introduction to nutrition. 182
Materials and methods in nutrition education. 183
Focus on optimal development: improving child nutrition. 185
Food and nutrition education in the primary school. 187
Food acceptance and nutrient intake of preschool children. 189
Food and nutrition education for mentally disturbed women. 191
Food faddism. 195
Food for health: calories (Film loop). 197
Food for life (Motion picture). 198
Food for life (Videocassette). 199
Food guides (Film loop). 200
Food, energy and you (Videocassette). 210
Food, energy, and you (Motion picture). 211
Foods for teens: snacks that count (Show 'N Tell). 212
Gastrointestinal absorption (Slides). 220
A nutrition guidebook for elementary school teachers. 221
A resource handbook for teaching nutrition in the elementary school. 223
Whitey and Whiskers and food. 224
Nutrition, behavior, and change. 225
Good food works for you (Show 'N Tell). 226
Food facts and fun with "Butter & Boop". 227
Programmed nutrition. 229
How a hamburger turns into you (Motion picture). 240
How a hamburger turns into you (Videocassette). 241
How can we solve malnutrition in the U.S.? 242
How to diagnose nutritional deficiencies (Slides). 246
Hunger and malnutrition - whose responsibility? 249
Implications of changing food habits for nutrition educators. 251
Improving nutrition in less developed areas. 254
Intestinal malabsorption (Slides). 259
Intra-State group meeting to discuss alternatives. 260
Iron metabolism (Slides). 264
The irony of affluence-adult nutrition problems and programs. 267
Is education meeting the nutrition challenge of today---what should be done. 268
Journey into nutrition (Motion picture). 271
Food, nutrition and diet therapy. 274
Let's make nutrition education exciting. 278
Basic principles of nutrition. 283
Nutrition and elementary food science. 292
Nutrition in action. 293
Focus on nutrition. 295
Maternal nutrition (Slides). 296
Food for you. 302
Nutrition education and the related management processes. 306
Health education guide. 310
Teaching the young child good eating habits for life. 311
Nutrition education in the elementary schools. 312
Modification of food habits. 313
Modification of vegetable-eating behavior in preschool children. 314
Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
Mulligan stew: Count down 4-4-3-2 (Videotape). 316
Mulligan stew: Getting it all together (Motion picture). 317
Mulligan stew: Getting it all together (Videocassette). 318
Mulligan stew: Look inside yourself (Motion picture). 319
Mulligan stew: Look inside yourself (videocassette). 320
Mulligan stew: The film-flee men (Vide-

NUTRITION EDUCATION

ocassette). 321
 Mulligan stew: the film-film man (Motion picture). 322
 Mulligan stew: the great nutrition turn on (Motion picture). 323
 Mulligan stew: the racer that lost his edge (Motion picture). 324
 Mulligan stew: the racer that lost his edge (Videotape). 325
 Mulligan stew: the great nutrition turn on (Videocassette). 325
 How we take care of our teeth. 331
 Feeding little folks. 332
 A boy and his physique. 333
 My friend the cow. 334
 The great vitamin mystery. 337
 Food and care for dental health. 340
 Nutrition source book. 341
 Search and research. 342
 They ask why. 345
 What did you have for breakfast this morning? 347
 Let's take milk apart. 350
 Taking milk apart. 351
 A source book on food practices: with emphasis on children and adolescents. 352
 How your body uses food. 353
 National nutrition education conference. 359
 New (nutrition) twist to an old game. 361
 A new look at nutrition education --- The time capsule. 363
 Nutrition and school lunch. 364
 Nutrition and school food service, state of New Mexico. 365
 Nominal group process for defining the problems in nutrition. 369
 Fuel puzzle: basic 4:1 plan-a-meal. 371
 Nutrition education: Nutrition delivery systems and the management function. 372
 Nutrition (transparencies). 377
 Nutrition and health-screening services for the elderly - report of a demonstration project. 382
 Nutrition and learning - implications for schools. 384
 Nutrition and the Type A lunch. 385
 Nutrition by practice. 389
 Nutrition education and the Spanish-speaking American. 390
 Nutrition education by nonprofessional aides. 391
 Nutrition education comes into its own. 392
 Nutrition education for mothers of Filipino preschool children. 393
 Nutrition education for the "now" generation. 394
 Nutrition education for youth. 395
 Nutrition education is behavioral change. 396
 Nutrition education practices in elementary schools in Hawaii. 397
 Nutrition for food service workers. 399
 Food encyclopaedia: the teen-age girl. 402
 Your diet: health is in the balance. 403
 1969-1970 report. 404
 Food. 406
 Nutrition in a maternity and infant care project. 407
 Nutrition in music (Audiotape). 408
 Nutrition instruction and lunch surveys with second graders. 409
 Nutrition programs for senior citizens. 414
 Nutrition the 1-2-3-4 way. 415
 Nutrition to meet the human needs of older Americans. 416
 Nutrition-related health practices and opinions. 417
 Nutritional aspects of engineered foods and delivery systems in school food service. 420
 Nutritional literacy of high school students. 422
 Opinions of nutrition education. 443
 Panel: where do I begin and what do I do in nutrition edu. 445
 Predicting application of nutrition education. 451
 Proper food (Filmstrip). 456
 Proteins and minerals (Film loop). 461
 Puerto Rican food habits: a color slide set (Slides). 453
 Puppets sell good nutrition. 464
 The real talking, singing, action movie about nutrition (Motion picture). 467

Required: a giant step in nutrition education. 470
 Review of food grouping systems in nutrition education. 474
 Roles and challenges of school food service in nutrition education. 475
 The school lunch - a component of educational programs. 481
 Shopping practices of low-income groups for convenience foods. 491
 Malnutrition and intestinal parasites. 498
 Innovative approaches to nutrition education and related management processes. 499
 Spot vitamin A with color clues. 500
 Status and achievements of the expanded food & nutrition education program. 501
 Introduction to foods and nutrition. 503
 Survey of nutrition knowledge as a part of nutrition education. 507
 Sustained behavioral change. 508
 Understanding food. 511
 Teacher, there's an eggplant in the classroom. 513
 The teenage obesity problem - why? - part two. 515
 Nutritional knowledge and consumer use of dairy products in urban areas of the South. 518
 Nutrition education research project - report of phase I. 532
 Nutrition education--1972. 547
 Nutrition education--1972 hearings, Ninety-Second Congress, second session. 549
 Nutrition: Between eating for a Head Start. 551
 Nutrition education for young children. 553
 Nutrition-staff training programs. 554
 Science in food and nutrition. 556
 Una libreta de enseñanza alimentos para las familias que desean economizar. 557
 Food for thrifty families. 558
 Nutrition and feeding of infants and children under three in group day care. 561
 Teaching nutrition in the elementary schools. 565
 Unified approaches toward nutrition on Education through School Food School and Home Economics Education. 568
 Jane and Jimmy learn about fresh fruits and vegetables. 569
 Universal school food service and nutrition education: a symposium. 572
 Vitamins and the growing body. 581
 Vitamins (Film loop). 582
 Vitamins from food (Motion picture). 584
 Vitamins from food (Videocassette). 585
 Water metabolism (Slides). 586
 We can't separate nutrition from social and biological sciences. 588
 School lunch and the curriculum. 591
 Nutrition education in the school food service: challenge, change, and commitment. 592
 What influences malnutrition? 595
 What is USDA doing about nutrition education? 596
 What is nutrition education: Why nutrition education? 597
 What's good to eat (Motion picture). 600
 What's good to eat (Videocassette). 601
 Where old age begins (Slides). 604
 White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
 White House conference on food, nutrition and health: Final report. 606
 Who turns the child "off" to nutrition. 607
 A study of the breakfast eating habits of school age girls and boys, grades one through twelve, of an Oklahoma community with implications for teaching nutrition. 609
 Nutrition and diet therapy. 610
 Review of nutrition and diet therapy. 611
 Nutrition and diet therapy. 612
 The words we use. 613
 You and your food (Motion picture). 617

You and your food (Motion picture) (Spanish). 618
 Your assignment, should you decide to accept it... 620
 The new era in nutrition. 646
 A.D.A. testimony on school lunch before House of Representatives' committee. 671
 The development of a national nutrition policy. 680
 An industrial view of nutritional labeling and nutrition education. 692
 Nutritional guidelines and the labeling of foods. 706
 Public Law 91-248, 91st Congress, H.R. 515. 723
 Children's food service programs - conference report. 726
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 729
 "KUPS - Knowledge Utilization for Problem Solving. 748
 Communication methods and media in nutrition education programs. 782
 Creative approaches to problem solving. 798
 Developing alternatives in nutrition education. 800
 Developing community support of nutrition education programs. 801
 Ideas for Promoting Participation. 858
 Needed: Public relations for program expansion. 905
 New developments in school food service. 907
 The school administrator and the food service program. 920
 School board source of foodservice support. 943
 School feeding programs as an aspect of the educational institution -- Panel discussion. 944
 School food service: twelve trends you should track. 948
 New concepts in management. 960
 Understanding the community social system. 988
 A "fair" way to teach nutrition. 1011
 Adventures in nutrition education resources II--mini workshops with Dairy Council, Inc. 1013
 Conference on guidelines for nutritional education in medical schools and postdoctoral training programs, June 25-27, 1972. 1023
 Behavioral objectives help teach nutrition. 1036
 Bioenergetics: an ecological approach to nutrition education. 1038
 Cartoon approach to nutrition education. 1049
 Changing Head Start mothers' food attitudes and practices. 1050
 Child spacing as a part of nutrition education programs. 1051
 Continuing education conferences. 1059
 Continuing education in nutrition. 1060
 Cooking in the kindergarten. 1061
 Dietetic training '73. 1070
 Continuing education in nutrition-1970. 1071
 Educators' attitudes toward nutrition education in Florida. 1080
 The effect of a nutrition education program at the second grade level. 1081
 Everywhere that Mrs. Farley went... 1084
 Exemption of students for first courses in food and nutrition. 1085
 An experiment in integrating nutrition education into the elementary school curriculum [A panel]. 1086
 Nutritional awareness instruction series for classroom use. 1088
 Visual aids in nutrition education. 1095
 Food information of homemakers and 4-H youths. 1096
 Food quality evaluation--a learning technique. 1097
 Food science and human nutrition. 1098
 Food science education. 1099
 Food science programs. 1100
 Food--life depends on it. 1103
 Influence of nutrition education on fourth and fifth graders. 1124
 Innovations in nutrition education: programs and methods. 1125
 Innovative techniques for teaching

nutrition. 1126
Integrating nutrition education into the school curriculum. 1128
Integrating nutrition into the nursing curriculum. 1129
Is there need for change? Round table discussion. 1135
It can be done. 1136
Let's play detective. 1150
The master of science program in nutrition. 1154
The master's program in public health nutrition. 1155
Teach nutrition with games. 1162
A study of the educational aspects of the School Lunch Program in South Carolina. 1165
What will I be from A to Z. 1167
Animal feeding demonstrations for the classroom. 1168
New directions in community junior college programs - new students; new faculty. 1172
A new horizon: careers in school food service (Filmstrip). 1173
New professionals to the rescue. 1179
Nutrition and communication. 1190
Nutrition education in the funny papers. 1191
Nutrition education of physicians - five commentaries. 1192
Nutrition education survey: preliminary results. 1193
Nutrition education through the mass media in Korea. 1194
Nutrition education: Resources available for the school food service supervisor (A panel discussion). 1195
Nutrition education: Selecting and organizing material for different age groups. 1196
Nutrition implementation programs as communication systems. 1197
Nutrition knowledge and attitudes of early elementary teachers. 1198
Prediction of student performance through pretesting in food and nutrition. 1214
Problems and progress in nutrition education. 1215
Procedures for developing, submitting and evaluating individual projects. 1216
Proceedings of a symposium: nutrition education at the undergraduate and master's degree level. 1217
Programmed instruction in basic nutrition for college students. 1218
Programmed instruction in nutrition for collegiate nursing students. 1219
Puppets are effective teachers. 1221
Relating school lunch and classroom teaching. 1225
The relationship of Federal agencies to food science programs at the universities. 1226
Health education - a conceptual approach. 1229
Teaching as changing behavior. 1254
Teaching nutrition in the medical school. 1255
The three R's help make good eating important. 1263
Tools for nutrition education--some examples. 1266
Food and nutrition: a problem-centered approach. 1277
Key nutrients. 1279
Food and nutrition. 1281
Food needs of family members. 1283
Undergraduate education in dietetics. 1296
Undergraduate education in public health nutrition. 1297
Undergraduate training in nutritional science. 1298
Vitamins and you (Filmstrip). 1302
The development and evaluation of eight units of programmed instruction designed to teach basic nutrition. 1306
Contemporary meal management. 1343
Type A--two different ways. 1364
"...And she does it so easily and so well". 1470
The future of the food industry. 1864
"Meat and potatoes" and tacos, too!. 1969
ENEP evaluated. 1991
Feeding America's children at school. 2001
Florida's expanded nutrition program. 2002

How the District feeds its kids. 2009
Mothercraft Centers combine nutrition and social sciences. 2028
Nutrition awareness in the USDA. 2034
OED--The emergency food and medical services program and nutrition education. 2039
Portaole meals contribute to nutrition education efforts. 2045
Position paper on food and nutrition services in day-care centers. 2046
School food service nutrition education finance project. 2052
Slim'n swim--a summer nutrition program for underprivileged teen-age girls. 2061
Home economics research abstract: 7, food and nutrition. 2198
Methods and kinds of nutrition education (1961-72): a selected annotated bibliography. 2249
General teacher references. 2265
Secondary teaching materials and teacher references. 2266
Aging and nutrition. 2267
Pregnancy and nutrition. 2268
Preschool, primary and intermediate teaching materials and teacher references. 2269
An annotated international bibliography of nutrition education. 2273
Good references on day care. 2281
Food makes the difference!. 2283
NUTRITION PROGRAMS
1. Nutrition programs of ICNE member agencies. 2012
NUTRITIONAL DEFICIENCIES
The status of nutrition in the United States. 502
We're short of calcium, too!. 589
NUTRITIONAL LABELING
IFEC tackles nutrition labeling. 691
Other Federal regulations affecting food packaging. 712
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1956
NUTRITIONAL STATUS
Nutrition: a comprehensive treatise. 83
The lunch bunch study. 131
Food beliefs affect nutritional status of Malay fisherfolk. 192
Nutrition concepts held by seventh and eighth grade pupils in Iowa. 238
Iron deficiency in rural infants and children. 263
Blood serum vitamin A and carotene studies of preadolescent children. 282
Nutrition in action. 293
National nutrition education conference. 359
The new vegetarians: who are they? 366
Nutrition Canada. 378
Nutrition education and the Spanish-speaking American. 390
Nutritional improvement and world health potential. 421
Nutritional Problems after fifty. 423
Nutritional review. 424
Nutritional status of Negro preschool children in Mississippi - evaluation of HOP index. 425
Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426
Nutrition of a group of school children in Ohio with improved diets. 438
Nutritional status of 9-, 10- and 11-year-old public school children in Iowa, Kansas, and Ohio. 439
Malnutrition - its causation and control. 477
The status of nutrition in the United States. 502
Supplemental protein: does the U.S. diet really need it? 506
Screening children for nutritional status. 560
Ten-state nutrition survey, 1968-1970. 564
The urban avalanche and child nutrition - I. Impact during the industrial revolution and now. 573
Dietary studies of northern Utah pre-adolescent and adolescent children. 574
Problems of assessment and alleviation of malnutrition in the United States. 577
Weight control of children with Prader-Willi syndrome. 590

White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
White House conference on food, nutrition and health: Final report. 606
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 729
Industry's struggle with world malnutrition. 864
ENEP evaluated. 1991
A study of school feeding programs - I. Economic eligibility and nutritional need -II. Effects on children with different economic and nutritional needs. 2068
The success of the federal food assistance programs. 2069
Home economics research abstract: 7, food and nutrition. 2198
Nutritional review. 2255
Pregnancy and nutrition. 2268
NUTRITIONAL SURVEYS
Food use and potential nutritional level of 1,225 Texas families. 519
OBESITY
Behavior modification in a self-help group - a pilot study. 86
Behavior therapy in treating obesity. 87
Behavioral and metabolic consequences of weight reduction. 88
Bulk agents in foods - acceptability by obese individuals. 100
Diet: the realities of obesity and fat diets. 144
Food for life (Motion picture). 198
Food for life (Videocassette). 199
Frequency of feeding, weight reduction, and body composition. 214
Frequency of feeding, weight reduction, and nutrient utilization. 215
In defense of body weight. 255
Mulligan stew: The racer that lost his edge (Motion picture). 324
Mulligan stew: The racer that lost his edge (Videotape). 325
Multidisciplinary approach to the problem of obesity - sixth Martha F. Truitt Memorial Lecture. 327
Weight control source book. 339
Nutrient intake and weight response of women on weight-control diets. 374
Obesity. 405
Obesity - new happenings. 433
Obesity - part 3. 434
Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
Slim chance in a fat world: behavioral control of obesity. 504
The teenage obesity problem - why? - part two. 515
The teenage obesity problem - why? - part 1. 516
Weight control of children with Prader-Willi syndrome. 590
Slim'n swim--a summer nutrition program for underprivileged teen-age girls. 2061
OCCUPATIONAL CHOICE
Career discoveries: People who make things (Filmstrips). 1044
Career discoveries: People who organize facts (Filmstrips). 1045
Jobs for you: It's happening in home economics (Filmstrip). 1137
Where do I go from here (Motion picture). 1310
OCCUPATIONAL GUIDANCE
Career discoveries: People who make things (Filmstrips). 1044
Career discoveries: People who organize facts (Filmstrips). 1045
Developing a hospitality program in high schools. 1063
Films help career guidance program. 1090
Where do I go from here (Motion picture). 1310
Manpower report of the President. 2284
Allied health education programs in junior colleges/1970. 2293
OCCUPATIONAL HOME ECONOMICS
An anthropologist views the nutrition professions. 66
Toward better teaching of home economics. 1093
Jobs for you: It's happening in home economics (Filmstrip). 1137
Dietitian aides. 1262
Supervised food service worker. 1289

OCCUPATIONS

OCCUPATIONS

- Caught leaderless, will a company survive? 771
Elements of supervision. 963

ODOR

- Microfragrances. 1881

ONIO

- Nutrition of a group of school children in Ohio with improved diets. 438
Nutritional status of 9-, 10- and 11-year-old public school children in Iowa, Kansas, and Ohio. 439
How to push a good thing. 856
The three R's help make good eating important. 1263
Akron schools get A for achievement with frozen type A lunches. 1376
Frozen pre-cooked meals solve problem of feeding underprivileged pupils. 1434
Portable meals contribute to nutrition education efforts. 2045
Summer food service in Cincinnati. 2071

OILSEEDS

- Meeting future needs. 1879

OKLAHOMA

- A report of Oklahoma food habits survey. 440
A study of the breakfast eating habits of school age girls and boys, grades one through twelve, of an Oklahoma community with implications for teaching nutrition. 639
A proposed procedure of standardized accounting for the school lunch programs in Oklahoma. 916
Nobody knows who pays. 2030

OLIVES

- Oil for olives. 1353

ON THE JOB TRAINING

- Improvement of personnel through testing, interviewing, orienting, training and evaluating - part 2. 1024
Developmental dialogues. 1067
How to get DJT started on the right foot. 1117
Employee training in food service establishments. 1153
An old standby that still works. 1204
Practical baking workbook. 1251
Training surveys surveyed. 1271
Simplified manual for cooks. 1467

ONIONS

- Dry onions. 565

OPEN DATING

- Food product dating. 20
Unit pricing and open dating. 42
Open dating: the key to fresh foods for consumers. 711

OPERATING EXPENSES

- Explosion-proofed apples are commercially feasible. 1542

ORANGES

- Convenience and the cost of potatoes and orange juices. 10
Introduction of JU-related products strikes some sour notes in industry. 1872
Orange juice studied. 2042

OREGON

- Summer food service in Portland. 2072

ORGAN MEATS

- Hide the liver!. 1444

ORGANIC FOODS

- Organic foods. 31
Diet testing: a case study in the sociology of health. 142
Food fads. 195
Nutritive value of "organically grown" foods. 432
The organic foods movement. 444
Looking at nutrition 12 ways. 571
Food industry and FDA face food threat. 823
Jrd-magers - the new hedonists. 1008
Frozen foods participate in organic foods boom. 1351
Cooking and catering the wholefood way. 2118

ORGANIZATION

- Introduction to the Seminar. 533
The Patent Office. 639
Principles of management. 872
Organizing centralized school food service systems. 914
Some factors in building an effective marketing program. 955
A system---what it is and what it does. (Part 2). 975
Five steps toward better small meetings. 1092

- Our future is you (Motion picture). 1209
School lunch on-line in Kansas. 1357
Meals on Wheels a la Calgary. 2025
Effective technical speeches and sessions. 2246
United States Government Organization manual, 1972/73. 2258

ORGANIZATIONS

- Identification of communication problems in organizations. 859
Education directory. 2291

ORIENTAL AMERICANS

- Milk drinking by the lactose intolerant - comparison of Caucasian and Oriental adults. 307

OVENS

- A feedservice system that works. 824
Food training routines II. 1143
The 10 cooking, heating and reconstituting applications; part 4. 1546
The electric convection oven. 1570
How electric convection ovens span the "raw-to-ready" scale. 1582
How to get better service from your gas oven. 1585
Is your kitchen obsolete? 1600
Is your oven capacity adequate? 1603
Microwaves: the ultimate means for providing short order service at fantastic speeds. 1609
New dimensions in microwave cookery. 1635
New models 1971 - fry kettles & flitters. 1641
Our evolving technology. 1647
Philadelphia hot lunch program: a model for low-budget schools. 1650
Preparation-processing - part 2. 1651
Reconstituting ovens: for foods at the top of the "raw-to-ready" scale. 1656
The finishing kitchen. 1686
Integral heating system reconstitutes frozen meals in 15 minutes. 1871

OVERPOPULATION

- World food and population problems: Some possible solutions. 669

PACKAGING

- Self-service juice dispensers evaluated: frozen juices most economical, efficient. 1562
Single service ware and today's consumer. 1665
Better frozen product protection indicated in testing of poly-to-poly carton seals. 1797
Cheese packages - goatskins to laminates. 1803
Microwave adeptness permits frozen foods in foil containers to heat in minutes. 1852

PALATABILITY RATINGS

- Bulking agents in foods - acceptability by obese individuals. 100
Eliminating warmed-over flavor in precooked food. 166
Food facts and fads. 194
Food quality - a focus for togetherness for food scientists and nutritionists. 208
Food science & technology, volume III. 258
Laboratory handbook of methods of food analysis. 277
Protein food mixture for Iran - acceptability and tolerance in infants and preschool children. 458
Sensory good taste. 489
Taste sensitivity and food aversions of teenagers. 512
Tea & coffee. 627
Bread science and technology. 655
The science of meat and meat products. 656
Consumers rate frozen cuts equal to fresh meat in flavor juiciness. 748
Introductory foods. 1164
Effect of temperature and cut on quality of pork roast. 1416
Forced convection roasting at 200 degrees and 300 degrees F. 1428
Holding roast beef by three methods. 1445
A guide to the selection, combination and cooking of foods. 1500
Cooking the modern way with stainless steel steam-jacketed kettles. 1580
Better frozen product protection indicated in testing of poly-to-poly carton seals. 1797
Cooking techniques for broiler chickens. 1814

- Custard sauces made with four types of processed eggs. 1818
Deep-fried snack food prepared from soybeans and onions. 1819
Development and consumer evaluation of soft-serve frozen desserts. 1826
Edible containers. 1832
Edible packaging update. 1833
Effect of packaging methods on frozen asparagus. 1834
Frozen, precooked rice shapes suitable for all markets. 1862
Identifying and controlling product quality attributes - using preference taste panels. 1868
Microwave vs. conventional cooking of vegetables at high altitude. 1883
Palatability of a specialty meat item prepared by interrupted cooking. 1907
Palatability of meat after low temperature roasting and frozen storage. 1908
Precooked turkey flavor and certain chemical changes caused by refrigeration and reheating. 1915
Precooking and reheating of turkey. 1916
Quality evaluation of canned and freeze-dried applesauce. 1925
Reconstituting preheated frozen meals with integral heat. 1927
Sensory evaluation of breaded, deep-fried turnip slices. 1931
Stability of gravies to freezing. 1940
Sugars, acids and flavor in fresh fruits. 1943
Texturizing process improves quality of baked French fried potatoes. 1951
A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1968
Textures vegetable proteins, fish protein concentrate, and microcrystalline cellulose as extenders in meat loaves. 2335
- PANCAKES
Pancakes (Film loop). 1481
- PANTOTHENIC ACID
Pantothenic acid, vitamin B6, and vitamin B12 in foods. 543
- PAPAYA
Papaya puree: a tropical flavor ingredient. 1909
- PARASITES
Malnutrition and intestinal parasites. 498
- PARASITIC INFECTIONS
Malnutrition and intestinal parasites. 498
Food-borne illness: cause and prevention (Slides). 1714
- PARENT PARTICIPATION
Nutrition instructors guide for training leaders. 552
Nutrition education for young children. 553
Leader's handbook for a nutrition and food course. 555
Ideas for promoting participation. 458
Kindergartners make friends with school lunch. 2016
Parent involvement. 2086
- PARCHIAL SCHOOLS
Catholic schools: the best and the worst of times. 1980
Jemez Pueblo discovers the cup-cen. 2015
Factors affecting student participation in selected Miwa-ukee, Wisconsin Catholic high school lunch programs. 2017
- PASTEURIZATION
Modern dairy products. 640
- PATENTS
The Patent Office. 639
- PAY BOARD
The evolving payboard regulations. 810
- PEACHES
A cling peach kaleidoscope. 631
Effect of thawing and holding on acceptability of frozen peaches. 1417
Peach bake-off. 2156
Prize peach creations. 2158
- PEANUT OIL
Peanuts: production, processing, products. 668
- PEANUTS
Peanuts: the first snack food. 653
Peanuts: production, processing, products. 668
Indonesian rack of lamb. 2146
Peanut butter use encouraged. 2338

- PEARS**
The fair pear. 2127
- PEAS**
A split pea special: a 1970 market report. 663
- PENNSYLVANIA**
Effects of USDA commodity distribution program on nutritive intake. 1993
Food to follow through. 2006
Reaching the hard-to-reach schools. 2049
10,000 came to breakfast. 2105
- PERFORMANCE**
A critical evaluation of in-service training for classified employees in selected educational organizations in the United States. 1246
- PERFORMANCE CRITERIA**
Profitable food service management thru performance appraisals. 499
A survey instrument for the evaluation of the economic-efficiency of school food services. 952
Subjective evaluation of an experiential training program for food service personnel. 1037
A study of the educational aspects of the School Lunch Program in South Carolina. 1165
An old standby that still works. 1204
- PERISHABLE FOODS**
Cleanliness and storage (Film loop). 1702
Cold food handling (Film loop). 1704
- PERSONNEL**
Nutrition and feeding of infants and children under three in group day care. 561
Management of food service. 420
Management aspects of school lunch programs in Iowa. 465
Management manual. Type A lunches. 459
Motivation: the importance of being earnest. 493
Personnel management and work organization. 909
A survey instrument for the evaluation of the economic-efficiency of school food services. 952
Management functions for state and system level school and non school food service administrators. 954
Management function of a centralized school food service system. 959
New concepts in management. 950
Private school lunch. 944
A casebook on administration and supervision in industrial-technical education. 1040
Employee training in food service establishments. 1153
The art of listening. 1165
Food service management. 1184
A reference guide for evaluation of school lunch training. 1247
Staffing and training personnel for centralized school food service systems. 1248
Community action: the nonprofessional in the educational system. 1258
Training food service personnel for the hospitality industry. 1292
Standards for school media programs. 2201
Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2279
Good references on day care. 2251
Eating and drinking places industry. 2246
- PERSONNEL MANAGEMENT**
New directions for action. 761
Management procedures and records. 767
Personnel management. 768
Work improvement. 769
Control patterns for the cooking bettery. 791
A study of career ladders and manpower development for non-management personnel in the food service industry. 795
Eye of the supervisor (Film Loop). 413
Eye of the supervisor (Motion Picture). 414
The practice of general management. 419
Industrial security management. 844
Security for business and industry. 849
Increasing employee productivity and reducing turnover. 861
Baker boy manual: a guidebook for your retail operation. 862
- Planning and operating a successful food service operation. 464
Work analysis and design for hotels, restaurants and institutions. 471
Principles of management. 472
The management of people in hotels, restaurants, and clubs. 476
Making cafeterias work. 479
The art of motivating. 491
Motivation: the importance of being earnest. 493
Profitable food service management thru employee and management meetings. 396
Profitable food service management thru good supervision. 497
Profitable food service management thru counselling and intercommunication. 498
Profitable food service management thru performance appraisals. 499
Profitable food service management thru reduction of employee turnover. 900
Profitable food service management thru worker motivation. 901
Profitable food service management thru job analysis, descriptions, and specifications. 902
Profitable food service management thru recruitment and selection of employees. 903
Profitable food service management thru job evaluation. 904
Preventing employee theft (Film Loop). 924
Reducing turnover: Start on employee's first day. 932
A review: how supervisor's expectations affect trainee performance. 937
The school food service labor relations picture. 946
Six simple thefts: cases in internal control. 953
Elements of supervision. 953
Staffing the school food service. 965
The supervisor: Motivating through insight (Film Loop). 971
The Supervisor: motivating through insight (Motion Picture). 972
Systems approach to labor cost control. 976
Trends in food service. 981
The science of housekeeping. 982
Upgrade your manpower task allocation system. 989
School and institutional lunchroom management. 996
Food service in institutions. 997
Improvement of personnel through testing, interviewing, orienting, training and evaluating - part 2. 1024
Aptitudes in selection and training of food service personnel. 1029
Career ladders in food service. 1046
Career ladders in food service. 1047
Developmental dialogues. 1067
Instructor's outline for foundations of school food service. 1094
How professional are you? 1115
How to brief people. 1116
The key to survival and growth. 1144
A practical guide for supervisory training and development. 1146
Training Guide. 1149
A partnership in evaluation - a case study in evaluation of a managerial training program. 1211
Planning training activity. 1213
A tool to get people to be relevant. 1265
Training can be professional. 1264
Training department becomes an income producer. 1259
Training surveys surveyed. 1271
Food service supervisor-school lunch manager. 1274
Make them up: ask the right questions. 1304
When, how and why to use training consultants. 1309
The components of communication. 1311
A handbook on quantity food management. 1512
Serving food (Motion picture). 1775
Training consultants. 2274
- PEST CONTROL**
"Search and destroy" tactics work. 1693
The freeloaders: foodservice pest control (Filmstrip/Record). 1716
Hospital food sanitation. (Film loop). 1721
Food sanitation: study course. 1728
- Sanitation for food service workers. 1761
Sanitation: Rodent and insect control (Film Loop). 1770
Sanitary food service. 1742
- PESTICIDE RESIDUES**
Fact and fancy in nutrition and food science - chemical residues in foods. 175
Man, health, and environment. 230
Modern food analysis. 232
Food pollution. 1476
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1956
- PESTICIDES**
Responsibility of dietitians for providing information about food: it's wholeness and nutritional value. 473
- PHARMACOLOGY**
Vitamin E and heart disease. 579
- PHENYLALANINE-RESTRICTED DIETS**
The dramatic story of PKU. 155
- PHENYLKETONURIA**
Dietetic foods. 90
The dramatic story of PKU. 155
Responses of children with phenylketonuria to dietary treatment. 472
- PHILADELPHIA**
Efficiency escalation in school lunch programs. 1418
- PHILIPPINES**
Nutrition education for mothers of Filipino preschool children. 393
- PHYSICAL DEVELOPMENT**
Dietary intake and physical development of Phoenix area children. 147
Feeding children. 161
Growth of preschool children in the North Central Region. 224
Malnutrition, learning, and behavior. 249
A boy and his physique. 333
How children grow. 358
Nutrition and cell growth. 380
Nutrition of a group of school children in Ohio with improved diets. 438
T.L.C. and the hungry child. 509
A study of school feeding programs - I. Economic eligibility and nutritional need - II. Effects on children with different economic and nutritional needs. 2064
- PHYSICAL EDUCATION**
Nutrition for athletes: A handbook for coaches. 60
- PHYSICAL FITNESS**
Nutrition and physical fitness. 97
Screening children for nutritional status. 560
- PHYSICALLY HANDICAPPED**
Feeding children. 181
Nutrition and handicapped children. 381
Tom Farley's impossible dream. 2078
- PHYSICIANS**
A study of the need for dietary consulting services for the physician. 505
- PHYSICS**
The Joule - unit of energy. 270
Measuring the color of foods. 303
Remarks on the Joule. 469
Science of home economics and institutional management. 933
Science fundamentals: a background for household equipment. 1648
- PHYSIOLOGY**
Nutrition of animals of agricultural importance: part 1. 134
Physiologic control of food intake. 449
The vitamins. 484
- PIES**
Microbiology of frozen cream-type pies, frozen cooked-peeled shrimp and dry food-grade gelatin. 305
Puddings and other delicious things. 657
Understanding baking. 1379
Practical baking. 1517
Breads, cakes, and pies in family meals. 1525
Vegetarian cookery 4. 2115
- PITTSBURGH**
Food service systems achievement at Pittsburgh national building. 825
- PLANNING**
An administrator's view of school food service. 752
Growth through new ventures. 846
Industrial security management. 846
Budgeting: key to planning and control.

SUBJECT INDEX

PLANT PROTEIN CONCENTRATES

- 867
- Principles of management. 872
- Appraising managers as manager. 873
- Managing change in food service organizations. 883
- Planning short and long range objectives for the future of the school food services. 921
- Conceptualizing the learning center. 1058
- Five steps toward better small meetings. 1092
- The message is you. 1156
- The message is you - guidelines for preparing presentations. part three. 1157
- The message is you. part II. 1158
- Planning: that's how to develop a new package for a new product. 1911
- High school lunch program - a model for decision analysis. 1994
- Food units grow into service centers. 2248
- Day care survey 1970. 2296
- PLANT PROTEIN CONCENTRATES**
- The right way of textured vegetable protein. 1830
- Synthetics and substitutes for agricultural products. 1957
- PLANT SOURCES OF FOODS**
- Where we get our food. 346
- Food ornamental. 480
- Trace elements in human and animal nutrition. 567
- Food in enticement. 628
- Vegetable cookery (Film loop). 1534
- Genetic improvement of crop foods. 1565
- A select bibliography and library guide to the literature of food science. 2262
- PLASTICS**
- Laminated plastics for surfacing food service equipment. 1623
- Testing packaging films. 1949
- PLATE WASTE**
- Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
- Nutrition instruction and lunch surveys with second graders. 429
- What's wrong with school lunch? 602
- POD VEGETABLES**
- A split pea special: a 1970 market report. 663
- Processes and potential markets for instant bean powders. 1918
- The beanery. 2300
- POLITICS**
- School board source of foodservice support. 943
- POLLUTION**
- Detergents and our water. 15
- Man, health, and environment. 230
- Pollution, people, power and profit - forces at work to change packaging. 1912
- POPCORN**
- Puddings and other delicious things. 657
- POPULATION GROWTH**
- Overcoming world hunger. 652
- The role of industry in meeting the challenge of future food needs. 933
- Food for a modern world (Videoasset). 1352
- Meeting future needs. 1479
- At the threshold of attainment. 1974
- Implications of population trends for quality of life. 2240
- Population growth and America's future. 2260
- Some current population trends. 2270
- World food-population levels. 2245
- POPULATION TRENDS**
- Attack on starvation. 535
- Child spacing as a part of nutrition education programs. 1051
- Current demands on the School Food Service System. 1987
- How to forecast school enrollments accurately - and years and years ahead. 2237
- Implications of population trends for quality of life. 2240
- Some current population trends. 2270
- PORK**
- The commodities controversy: food for your lunch. 632
- Meat evaluation handbook. 698
- Institutional meat purchase specifications for fresh pork--series 400. 733

- Gain menu Prestige with pork. 1333
- Effect of temperature and cut on quality of pork roast. 1416
- Meat buyer's guide to portion control meat cuts. 2330
- PORK PRODUCTS**
- Institutional meat purchase specifications for cured, cured and smoked, and fully cooked pork products--series 500. 741
- PORTION CONTROL**
- How much do they want? 850
- Food service: teachers guide. 1174
- Hospital food handling (Film loop). 1446
- Preventing waste (Film Loop). 1495
- Standard food portions (Film loop). 1514
- Meat buyer's guide to portion control meat cuts. 2330
- Food purchasing guide for group feeding. 2352
- PORTLAND, OREGON**
- Social food service for summer. 2063
- PORTUGAL**
- Portugal. 2157
- POTATOES**
- Convenience and the cost of potatoes and orange juice. 10
- Potatoes: production, storage, processing. 662
- Gallus determines potato opportunity. 833
- Techniques in the preparation of fruits and vegetables. 1140
- Potato magic for professionals. 1489
- Potatoes add a sales bonus. 1490
- Versatile potatoes increase menu variety, while low cost augments profit margin. 1536
- Color measurement of foods: XXXII: miscellaneous: part II, potato products. 1806
- Eye the potato for vitamin C. 1446
- Novel process controls quality variables for French fried potatoes - extends shelf life of potato chips. 1900
- Texturizing process improves quality of baked French fried potatoes. 1951
- Effect of packaging on quality of dehydrated potato granules during storage. 2317
- Potatoes made easy for school lunch. 2339
- Toward the new. 2353
- POULTRY**
- Inspection, labeling, and care of meat and poultry. 38
- How to buy poultry. 40
- Effect of microwave heating on vitamin B6 retention in chicken. 161
- Nutritional value of turkey protein - effects of heating and supplementary value for poor proteins. 429
- Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
- Labeling standards and some uses of meat analogs in new meat products. 694
- Standards for meat & poultry products. 731
- School food service management. 1131
- Better school lunches in Oklahoma. 1351
- Afri-Kingdom fried chicken system. 1374
- Co-existence: surplus commodities and convenience foods. 1400
- Poultry preparation (Film loop). 1491
- Stuffing and trussing a chicken (Film loop). 1516
- Turkey time saver. 1523
- Weaver speeds chicken processing with giant microwave system. 1683
- Public health aspects of poultry processing (Motion picture). 1759
- Turkey: the bad guy of school lunch. 1781
- The complete gobbler. 1807
- Cooking techniques for broiler chickens. 1814
- Precooked turkey flavor and certain chemical changes caused by refrigeration and reheating. 1915
- Woman's Day Encyclopedia of cookery, vol. 3. 2182
- Woman's Day encyclopedia of cookery, vol. 12. 2186
- The cost of turkey, whole and parts. 2306
- Purchasing. 2310
- Handling fresh frozen cut-up chickens. 2311

- How to buy for school lunch. 2334
- POVERTY RESEARCH**
- Disadvantaged children. 94
- PREDICTION**
- The role of industry in meeting the challenge of future food needs. 938
- Trends in food service. 981
- Will advance testing reduce new product risks? 1000
- You. 1318
- Components versus meals. 1808
- Directions '73. 1830
- Foods of the future. 1855
- The future of the food industry. 1864
- Lipases and flavor development in some Italian cheese varieties. 1874
- Possible developments in the supoly and utilization of feed in the next fifty years. 1914
- The share of foodservice to come: a fable of the future with a note on the present. 1933
- How to forecast school enrollments accurately - and years and years ahead. 2237
- Population growth and America's future. 2260
- Education in the seventies. 2292
- Organoleptic technique predicts refrigerative shelf life of fish. 2337
- PREDICTIVE ABILITY (TESTING)**
- The non-high-school-graduate adult in college and his success as predicted by the tests of general educational development. 1079
- Exemption of students for first courses in food and nutrition. 1085
- Prediction of student performance through pretesting in food and nutrition. 1214
- PREGNANCY**
- Hemoglobin and folate levels of pregnant teenagers - relationship to dietary levels. 237
- PREGNANCY DIETS**
- The beginning of life (Filmstrip). 85
- A chink in our armor. 115
- Contribution of certain nutrients added to foods to dietary intake. 127
- Maternal nutrition (Slides). 296
- Nutrition and "the pill". 379
- Nutrition and oregnancy. 385
- Nutrition in a maternity and infant care project. 407
- Nutritional studies during pregnancy: I. Changes in intakes of calories, carbohydrate, fat, protein, and calcium; II. dietary intake, maternal weight gain, and size of infant. 427
- Nutrition and intellectual growth in children. 522
- Pregnancy and nutrition. 2268
- PREGNANT WOMEN**
- Food. 406
- PREPACKAGED PORTIONING**
- Convenience food systems: prepackaged lunch comes to school. 792
- Akron schools get A for achievement with frozen Tyson A lunches. 1376
- A survey of factors relating to the prepackaged lunch system in selected school districts. 1412
- Food systems are providing hot lunches for Massachusetts school children. 1427
- Frozen pre-plated meals solve problem of feeding underprivileged pupils. 1436
- Hot lunches are within easy reach. 1448
- Social foods & equipment for the food service industry. 1671
- Components versus meals. 1808
- School systems implementation: Texas style. 2059
- PREPARED FOODS**
- Eliminating warmed-over flavor in pre-cooked food. 166
- Nutritive analysis of frozen fully cooked institutional foods. 430
- Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
- Food selection and service (Transparencies). 1101
- Air fare: a complete convenience system. 1375
- The magic of saucery. 1460
- The parent product. 1482
- Microwaves: the ultimate means for providing short order service at fast-food.

- etic speeds. 1639
Frozen, precooked rice shapes suitable for all markets. 1862
Further processed, precooked frozen meats growing at better than 20% annually. 1563
Sub-systems 3 & 4: a simplified systems approach to fabrication & pre-preparation. 1941
Why not standardize institutional prep-area frozen food packaging? 1965
Cuo-can product guide. 2222
The cost of turkey, whole and parts. 2306
Market category: school lunch programs. 2319
The freezing preservation of foods. 2350
- PRE-SCHOOL CHILDREN (2-5 YEARS)**
Diet and nutrition of preschool children in Honolulu - survey of low- and middle-income families. 140
Diets of preschool children in the North Central Region: calcium, phosphorus, and iron. 150
Diets of preschool children in the North Central Region: calories, protein, fat, and carbohydrate. 151
Nutrition education guide. 158
Feeding children. 181
Food acceptance and nutrient intake of preschool children. 189
Food purchasing practices of young families. 207
Growth of preschool children in the North Central Region. 228
Help for malnourished children in Latin America. 235
Iron-deficiency anemia in infants and preschool children. 265
Teaching the young child good eating habits for life. 311
Modification of vegetable-eating behavior in preschool children. 314
Feeding little folks. 332
Nutritional status of Negro preschool children in Mississippi - evaluation of MDP Index. 425
Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426
Preschool nutrition workshop sums up recommendations. 454
Protein components of blood and dietary intake of preschool children. 457
Protein requirements of preadolescent girls. 463
Prevention of iron-deficiency anemia in infants and children of preschool age. 559
Nutrition and feeding of infants and children under three in group day care. 561
Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
What school lunch is doing for undernutrition in Baltimore. 599
Small day care centers look as giant market for frozen prepared lunches. 954
Changing Head Start mothers' food attitudes and practices. 1050
Standards and progress in day care center programs. 2065
Summer food service in Cincinnati. 2071
Child nutrition programs. 2093
Preschool, primary and intermediate teaching materials and teacher references. 2269
Good references on day care. 2281
- PRE-SCHOOL EDUCATION**
How to just a good thing. 856
Puppets are effective teachers. 1221
Head Start: A child development program. 2065
Parent involvement. 2086
- PRESERVATIVES**
Responsibility of dietitians for providing information about food: its wholesomeness and nutritional value. 473
Effect of storage and processing on sulfur dioxide in preserved fruit. 1836
A newly developed system for measuring headspace oxygen in gas-flushed flexible packages. 1894
Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955
- PRESSURE COOKING**
Boost profit potential with your electric pressure fryer. 1558
- PRETESTING**
Examination of students for first courses in food and nutrition. 1085
Prediction of student performance through pretesting in food and nutrition. 1214
- PRIVATE SCHOOLS**
Private school lunch. 984
Lunch programs in the nation's schools. 2081
Food service in private elementary and secondary schools. 2082
- PROBLEM SOLVING**
Creative approaches to problem solving. 798
Problem solving and conflict resolution. 925
Purposeful change in school food service programs. 927
Dynamic "think" sessions - Summary of brainstorming groups. 1073
- PROCEEDINGS**
Materials and methods in nutrition education. 183
Nutrition education and the related management processes. 306
Nutrition education: Nutrition delivery systems and the management function. 372
Innovative approaches to nutrition education and related management processes. 499
Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
Problems of assessment and alleviation of malnutrition in the United States. 577
Nutrition education in the school food service: challenge, change, and commitment. 592
New directions for action. 761
Innovative management for the expanding school food service program. 910
Management functions for state and system level school and non school food service administrators. 953
Management function of a centralized school food service system. 959
New concepts in management. 960
Continuing education in nutrition-1970. 1071
Education and training for industry - volume 1. 1127
Proceedings of a symposium: nutrition education at the undergraduate and master's degree level. 1217
Food for tomorrow: resources, environment, distribution. 1885
- PROCESSED FOODS**
Convenience and the cost of food. 9
Convenience and the cost of potatoes and orange juice. 10
Commercialization of malnutrition?--time for a dialogue. 120
Eliminating warmed-over flavor in precooked food. 166
The berries with bounce. 626
Chocolate: the Aztec's brown gold. 630
Peanuts: the first snack food. 653
Byproducts from milk. 667
Philosophy and guidelines for nutritional standards for processed foods. 714
The cookie man can. 1407
The great American menu mix. 1439
What is the future of textured protein products? 1540
Modul heats 24 different types FF, meals separately, simultaneously. 1613
Weaver speeds chicken processing with giant microwave system. 1683
Custard sauces made with four types of processed eggs. 1818
Defatted germ flour - food ingredient from corn. 1820
Oshydrated protein-fortified fruit juices. 1822
Developing a product to make salads taste special. 1823
Development aids: diverse product applications identified for unique flavored protein products. 1824
Development aids: flavored, colored apple places offer route of distinct school lunch entree formulations offered. 1825
Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1827
Dry sauces, soup mixes reap benefits of new ingredient: low moisture apple solids. 1831
Foods of the future. 1855
Frozen, precooked rice shapes suitable for all markets. 1862
Further processed, precooked frozen meats growing at better than 20% annually. 1863
Meat battle chosen first product to gain nutritional, textural advantages of new protein fiber. 1878
Microwave adapter permits frozen foods in foil containers to heat in minutes. 1882
Non-dairy cheese - a unique reality. 1896
Novel process controls quality variables for French fried potatoes - extends shelf life of potato chips. 1900
Nutrition upgraded, final texture controlled using new structured protein fiber. 1903
Nutritional iodine in processed foods. 1904
Positioning a product for the special market. 1913
Sub-systems 3 & 4: a simplified systems approach to fabrication & pre-preparation. 1941
What are textured protein products? 1943
The impact of school food service, its value to education and its future. 2013
Notebook on soy: textured vegetable protein product fact sheet. 2254
The cost of turkey, whole and parts. 2306
A review of frozen entrees at the peak of the "raw-to-ready" scale. 2343
- PROFESSIONAL EDUCATION**
Opportunities for educational and vocational advancement. 1016
Educating the dietitian in a changing world. 1076
The long view. 1151
R & D for adult learning. 1222
- PROFESSIONALISM**
Professionalism. 926
- PROGRAM ADMINISTRATION**
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
Handbook for official GED Centers. 756
Community action for employment: manpower development. 2094
Official GED Centers. 2196
- PROGRAM PLANNING**
Guide for training school lunch personnel. 1181
Training department becomes an income producer. 1269
ANSER questions Florida county systems. 1970
Staffing Broward County-style. 2064
- PROGRAMMED INSTRUCTION**
Programmed nutrition. 229
Effects of an experimental training program for food service personnel. 1041
A preliminary investigation of the effectiveness of programmed instruction in teaching sanitation to non-professional food service employees. 1044
Computer assisted instruction: a government viewpoint. 1055
Computer-assisted instruction in home economics. 1056
Computers in education: relevance for occupational education. 1057
Programmed instruction in basic nutrition for college students. 1218
Programmed instruction in nutrition for collegiate nursing students. 1219
Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
Teaching with computers. 1256
The development and evaluation of eight units of programmed instruction designed to teach basic nutrition. 1306
The components of communication. 1311
Understanding cooking. 1439
University of Colorado Libraries programmed textbook. 2218
- PROGRAMS**
Nominal group process for defining the problems in nutrition. 369
Student involvement in school food service and nutrition programs. 1249

PROTEIN CONCENTRATES

- The men in charge - the government nutrition programs. 2026
- Nutrition services in child health programs. 2035
- Manpower report of the President. 2284
- PROTEIN CONCENTRATES**
- Blends: soluble whey protein concentrate has excellent nutritional properties. 98
- Fortifying soft drinks with cheese whey protein. 1858
- Preparation and growth producing evaluation of a concentrated concentrate of soy-cheese whey protein. 1917
- Protein concentrates and cellulose as additives in meat loaves. 1922
- PROTEIN EFFICIENCY RATIO**
- Crackers fortified with fish protein concentrate (FPC): nutritional quality, sensory and physical characteristics. 132
- Dietary protein quality in infants and children - VII. Corn-soy-wheat escar-oni. 149
- PROTEIN FOODS**
- Animal protein--keystone of foods. 65
- Nutrition: a course for school food service personnel. 101
- Nutritional value of turkey protein - effects of heating and supplementary value for poor proteins. 429
- Proteins and minerals (Film loop). 461
- Amino acid fortification of protein foods. 482
- Utilizable protein: quality and quantity concepts in assessing food. 575
- Stretch 'n substitute. 1361
- Quantity cooking. 1383
- Food preparation for school food service personnel. 1436
- Development and product applications for a high protein concentrate from whey. 1825
- Exploring different ways of meeting nutritional needs. 1841
- High protein food developed for school children. 1867
- Textures vegetable proteins: fish protein concentrate and microcrystalline cellulose as extenders in meat loaves. 2335
- PROTEIN MALNUTRITION**
- The need for cereal foods of improved protein value in the United States. 157
- Supplemental protein: does the U.S. diet really need it? 506
- High protein food developed for school children. 1867
- PROTEIN METABOLISM DISORDERS**
- The dramatic story of PKU. 155
- PROTEIN MODIFICATIONS**
- Dietetic foods. 30
- Basic nutrition and diet therapy. 476
- Handbook of diet therapy. 531
- PROTEIN-CALORIE MALNUTRITION**
- Malnutrition and its social implications. 287
- Newer methods of nutritional biochemistry with applications and interpretations - volume V. 369
- Malnutrition - its causation and control. 477
- CARE strikes back at world's malnutrition. 1379
- PROTEIN-RICH MIXTURE**
- Dietary protein quality in infants and children - VII. Corn-soy-wheat escar-oni. 149
- Protein food mixture for Iran - acceptability and tolerance in infants and preschool children. 458
- Dehydrated protein-fortified fruit juices. 1522
- Development and product applications for a high protein concentrate from whey. 1825
- PROTEINS**
- Advances in food research: volume 18. 51
- Food: proteins for humans. 58
- Animal protein--keystones of foods. 65
- Nutrition II. 69
- Cholesterol, fat, and protein in dairy products. 117
- The doggone truth about hot dogs. 153
- The need for cereal foods of improved protein value in the United States. 157
- Fat metabolism in children - influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 175

- Food uses of triticale. 209
- Food science: a chemical approach. 213
- How a hamburger turns into you (Motion picture). 240
- How a hamburger turns into you (Video-cassette). 241
- How nutrition affects learning and behavior. 243
- The importance of protein in the meatless meal. 252
- Improving nutrient content of foods served. 253
- Major mineral elements in dairy products. 286
- Progress in human nutrition: volume I. 291
- Newer methods of nutritional biochemistry with applications and interpretations - volume V. 368
- Nutrition notes: protein measuring system proposed to simplify nutritional comparisons. 413
- Nutritional value of turkey protein - effects of heating and supplementary value for poor proteins. 429
- Observations: let's look beyond nutrition to identify proteins. 436
- Protein components of blood and dietary intake of preschool children. 457
- Protein food mixture for Iran - acceptability and tolerance in infants and preschool children. 458
- Protein quality and PER: concepts important to future foods. 459
- Protein requirements of preadolescent girls. 460
- Proteins and minerals (Film loop). 461
- Review of protein and carbohydrate metabolism. 475
- Some aspects of protein nutrition. 494
- Supplemental protein: does the U.S. diet really need it? 506
- Utilizable protein: quality and quantity concepts in assessing food. 575
- What is soy protein? 598
- But what are they strong so many? An ancient food for a modern need. 629
- Label developments: FDA releases labeling regulations. 695
- Better school lunches in Oklahoma. 1351
- What is the future of textured protein products? 1540
- Whats and whys of cup-can. 1542
- Automated determination of protein-nitrogen in foods. 1795
- Burger-type products from textured skim milk curd. 1799
- Cereal grains as dietary protein sources. 1801
- Defatted germ flour - food ingredient from corn. 1820
- Development and product applications identified for unique flavored protein products. 1824
- Development and product applications for a high protein concentrate from whey. 1828
- Fish protein concentrate enrichment of noodles. 1849
- Foods of the future. 1855
- Lipases and flavor development in some Italian cheese varieties. 1874
- Meat cattle chosen first product to gain nutritional, textural advantages of new protein fiber. 1878
- Meeting future needs. 1879
- Artificial and synthetic foods. 1887
- Notebook on soy: USDA answers questions about new foods. 1897
- Notebook on soy: agricultural research means new foods. 1898
- Nutrition upgraded: final texture controlled using new structured protein fiber. 1903
- Protein from microorganisms. 1923
- Some things you might not know about the foods served to children. 1936
- Techniques for milk protein testing. 1948
- An evaluation of the protein quality of a textured soybean product. 1961
- What are textured protein products? 1963
- As others see us. 1973
- Feeding the elderly: the baby of school lunch. 2000
- Ideas that gel. 2145
- Put egg in your pizza. 2159
- Peanut butter use encouraged. 2334
- Synthetic food. 2342

- PROVITAMINS**
- Effect of processing on provitamin A in vegetables. 1835
- PROXIMATE COMPOSITION**
- Fatty acids, cholesterol, and proximate analyses of some ready-to-eat foods. 180
- PRUNES**
- The perfect prune: a 1970 market report. 654
- PSYCHIATRIC HOSPITALS**
- Observations on the use of a supplemental beverage. 435
- PSYCHOLOGY**
- The development of three instruments to assess forces behind food habits and methods of change. 75
- Behavior modification in a self-help group - a pilot study. 86
- Behavior therapy in treating obesity. 47
- Behavioral and metabolic consequences of weight reduction. 48
- They ask why. 345
- Obesity - part 3. 434
- Sensory good taste. 449
- Sensory interactions between nutrition and stress. 496
- The teenage obesity problem - why? - part two. 515
- The teenage obesity problem - why? - part 1. 516
- What food means to children. 594
- What influences malnutrition? 595
- Profitable food service management thru worker motivation. 901
- Educational directions. 1078
- Simulation of interpersonal relations. 1241
- Why school lunch fails. 2103
- PUBLIC HEALTH**
- Human nutrition and dietetics. 135
- Nutrition source book. 341
- Preparation of food samples and direct culture (Motion Picture). 453
- The master's program in public health nutrition. 1155
- Undergraduate education in public health nutrition. 1297
- Basic course in emergency mass feeding. 1524
- Milk and public health (Motion Picture). 1746
- Mr. Dish machine operator (Film Loop). 1749
- Mr. Dish machine operator (Film Loop) [Spanish]. 1750
- Mr. Dish machine operator (Motion Picture). 1751
- Public health aspects of poultry processing (Motion picture). 1759
- Sanitation: Rules make sense (Film Loop). 1771
- Sanitation: Rules make sense (Motion Picture). 1772
- The chemicals we eat. 1796
- Community action: health programs. 2093
- PUBLIC RELATIONS**
- The "captive" employee unshackled. 749
- Create your own good-neighbor policy. 797
- How to push a good thing. 856
- The media bureaucracy. 867
- Needed: Public relations for program expansion. 905
- School board source of foodservice support. 943
- Who says school lunch needs public relations? 999
- Guidelines for hospitality education in junior college. 1015
- Dynamic "Think" sessions - Summary of brainstorming groups. 1073
- Toward better teaching of home economics. 1093
- So much, for so many, for so little. 1243
- Write your own ticket (Filmstrips/Records). 1316
- What schools are doing. 2099
- Communication: methods for all media. 2261
- PUBLIC SCHOOLS**
- CNI joins in training Milwaukee interns. 1042
- Lunch programs in the nation's schools. 2081
- Food service in public schools. 2083
- Education directory: elementary and secondary education. 2289
- Why not cooperative purchasing? 2361

PUBLICATIONS

- Our future is you (motion picture). 1209
- Books in print 1972. 2207
- Research resources: volume 2. 2247
- So you want to write a cookbook? 2264
- Tables of food composition: availability, uses, and limitations. 2272
- PUBLICATIONS LISTS**
 - Publications list and research reference. 543
- PUDDINGS**
 - Puddings and other delicious things. 657
- PUERTO RICAN CULTURE**
 - Puerto Rican foods and traditions. 126
 - Puerto Rican food habits: a color slide set (slides). 453
- PUERTO RICO**
 - Fountain of life and hope (motion picture) (Spanish). 537
 - Flavor secrets from foreign lands. Puerto Rico. 2135
- PUMPKINS**
 - Puddings and other delicious things. 657
- PURCHASING**
 - Consumer behavior. 16
 - Institutional meat purchase specifications for fresh products--series 630. 733
 - Institutional meat purchase specifications. 734
 - Institutional meat purchase specifications for partitioned meat products--series 1000. 735
 - Institutional meat purchase specifications for sausage products--series 630. 735
 - Institutional meat purchase specifications for fresh beef--series 100. 737
 - Institutional meat purchase specifications for fresh lamb and mutton--series 200. 738
 - Institutional meat purchase specifications for stible by-products--series 700. 739
 - Institutional meat purchase specifications for cured, dried, and smoked beef products--series 500. 740
 - Institutional meat purchase specifications for cured, cured and smoked, and fully cooked pork products--series 500. 741
 - Institutional meat purchase specifications for fresh veal and calf--series 300. 742
 - Are your menu prices high enough? 763
 - Planning and operating a successful food service operation. 368
 - How to manage a restaurant or institutional food service. 957
 - School and institutional lunchroom management. 775
 - School food service management development program: manual, intermediate course. 1001
 - Instructor's outline for foundations of school food service. 1024
 - School food service management development program: manual, intermediate course. 1033
 - A director of systems capability. 1669
 - Key component of operational sub-system: state preparation maintenance. 1605
 - Food service planning. 1806
 - How to select and care for serviceware: stainless steelware compounds. 1817
 - Household equipment. 1847
 - Single service ware and today's consumer. 1855
 - A systems approach to warewashing equipment. 1873
 - Sub-systems 3 & 4: a simplified systems approach to floor-cleaning & pre-preparation. 1741
 - Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2277
 - "Quality first" at feast 454. 2298
 - Changes in purchasing, storage, delivery and utilization practices and procedures. (A panel presentation) Part I--food. 2303
 - The commodities: Mrs. Joyce vs. Mrs. Clay. 2305
 - Fresh from the state. 2304
 - Market categories: school lunch programs. 2312
 - Meat buyers' guide to standardized meat cuts. 2331
 - Potatoes wide wide for school lunch. 2339

- 2339
- Procurement programmed for profit. 2341
- What's in the can? 2360
- Why not cooperative purchasing? 2361
- Will Ransdell's procurement system work for you? 2363
- PERIODIC**
 - Pantothenic acid, vitamin B6, and vitamin B12 in foods. 543
- QUALITY CONTROL**
 - Quality control of food in the school food service. 928
 - Management functions for state and system level school and non school food service administrators. 958
 - Biscuit manufacture. 1544
- RADIATION BIOLOGY**
 - Dietary levels for tri-city elementary school children. 81
- RECALL**
 - Accuracy of 24-hr. recalls of young children. 49
 - Dietary habits and food consumption patterns of teenage families. 346
 - Nutrition education and the Spanish-speaking American. 390
 - Food use and potential nutritional level of 1,225 Texas families. 519
 - Food and nutrient intake of individuals in the United States: spring 1965. 534
 - Screening children for nutritional status. 560
- RECIPE WRITING**
 - Guides for writing and evaluating quantity recipes for type A school lunches. 2175
- RECIPES**
 - Better living through better eating. 23
 - Puerto Rican foods and traditions. 126
 - Iron content of some Mexican-American foods - effect of cooking in iron, glass, or aluminum utensils. 262
 - Food, nutrition and diet therapy. 274
 - Family fare. 542
 - Nutrition education for young children. 553
 - Una libreta de enseñanza alimentos para las familias que desean economizar. 557
 - Food for thrifty families. 558
 - The violent nation goes up modern menus. 623
 - Ice cream. 625
 - But what are they among so many? An ancient food for a modern mood. 629
 - A cling peach kaleidoscope. 631
 - Food science and technology. 653
 - Coffee: it can make you or break you. 777
 - Baker boy manual: a guidebook for your retail operation. 862
 - Management manual, type A lunch. 669
 - Techniques of main dish preparation. 1138
 - Techniques of main dish preparation. 1139
 - Or how a school lunch handbook. 1200
 - Olive is not just a four-letter word. 1329
 - Hamburgers and cookies and bananas and chicken and sweet potato cake and milk shakes and brownies and marshmallows and bacon and... 1337
 - Monographs simplify recipe alterations. 1349
 - Gin for olives. 1353
 - Mushrooms, turnip greens and pickled eggs. 1354
 - Try new fish varieties on your menu. 1363
 - Handbook of twenty consecutive menus as submitted by Utah districts. 1367
 - Nursing home menu planning. Food purchasing and management. 1372
 - Handbook of food preparation. 1380
 - Food preparation. 1382
 - Baking a custard (film loop). 1385
 - The professional chef. 1411
 - The art of working merchandising magic with food - new life for faded menus. 1415
 - Food for 50. 1429
 - The great American menu mix. 1439
 - Ground beef: passport to far-away eating (filmstrip). 1440
 - Hot omelets, a profitable "extra". 1447
 - Measuring and tares: cooking (film loop). 1452
 - "...And she does it so easily and so well". 1470

- New candidates for your recipe file. 1472
- Community meals. 1475
- Potato magic for professionals. 1489
- Rice ideas for school lunch. 1499
- Salads and dressings (transparencies). 1504
- Selling Brussels sprouts to students. 1511
- Stuffing and trussing a chicken (film loop). 1516
- Practical baking. 1517
- Techniques of making quick breads. 1519
- Breads, cakes, and pies in family meals. 1525
- Freezing combination main dishes. 1526
- Baking in the school lunch program. 1533
- The professional chef's book of buffets. 1537
- Special atmosphere III: country/Colonial themes. 1545
- Around the menu with gas-fired tilting broiling pans. 1554
- Cooking the modern way with stainless steel steam-jacketed kettles. 1580
- The nautical way. 1595
- The complete book of cooking equipment. 1687
- The right way of textured vegetable protein. 1800
- The comestible gobble. 1807
- Development aids: flavored, colored apple pieces offer route of distinction: school lunch entree formulations offered. 1825
- Eye the potato for vitamin C. 1846
- Protein products: analogs of favorite food foras. 1924
- Soybean milk - a low-methionine substitute for cow's milk for children and adults. 1939
- Food for Peace around the world. 2080
- Almond shrimp from the well of the sea. 2107
- Au gratin sandwiches are patron-pleasers. 2110
- Austria. 2111
- Belgium. 2112
- Vegetarian cookery 3. 2113
- Vegetarian cookery 1. 2114
- Vegetarian cookery 4. 2115
- Vegetarian cookery 2. 2116
- Breads around the world. 2117
- Cooking and catering the wholefood way. 2118
- Celery: the crunch kids like. 2119
- Cheese cookery for everyone. 2120
- The Chinese achievement. 2121
- Cold outside? Serve these hearty man's soups. 2122
- Cold weather magic from your oven. 2123
- Creative ways with soft serve. 2124
- Development aids: recipes for replacing ground meat and poultry in school lunch items. 2126
- The fair pear. 2127
- Fish-fondue/Nautilus culinarianist. 2128
- Flavor secrets from foreign lands: Brazil. 2129
- Flavor secrets from foreign lands: Colombia. 2130
- Flavor secrets from foreign lands: Holland. 2131
- Flavor secrets from foreign lands: Jamaica. 2132
- Flavor secrets from foreign lands: North Italy. 2133
- Flavor secrets from foreign lands: Poland. 2134
- Flavor secrets from foreign lands: Puerto Rico. 2135
- Flavor secrets from foreign lands: Russia. 2136
- Flavor secrets from foreign lands: Szechwan. 2137
- Flavor secrets from foreign lands: Turkey. 2138
- The flourish of tableside cooking. 2139
- From the Mediterranean. Salad nicolise. 2141
- Fry away to profits: don't let your fry kettle iddle. 2142
- The Guide to convenience foods. 2143
- Ice cream cocktail: a profit potent. 2144
- Ideas that gel. 2145
- Indonesian rack of lamb. 2146
- The professional chef's catering reci-

RECOMMENDED DIETARY ALLOWANCES

- See. 2147
 - Interpreting a recipe (Transparencies). 2148
 - The Italian invitation. 2149
 - Jazz up winter menus. 2150
 - Kraut's winning ways. 2151
 - The art of fish cookery. 2152
 - New low-cost fish recipes pass child test. 2153
 - Notebook or say: how to use say in recipes. 2154
 - On the cover: savory steak rolls can be made with less tender cuts of beef. 2155
 - Peach bake-off. 2156
 - Portugal. 2157
 - Prize peach creations. 2158
 - Put egg in your pizza. 2159
 - Recipes on Parade. 2160
 - A renaissance of natural cheeses. 2161
 - Rice and everything else. 2162
 - Salad spectacular tempting types A's. 2164
 - Southern cuisine: merchandising and menu notes. 2157
 - Strawberry time. 2168
 - Super sandwiches save the day. 2169
 - Tacos--taste treat for tots to teens. 2170
 - Milk in family meals. 2172
 - Money-saving main dishes. 2173
 - Food guide & recipe book for the Drive to Serve Program. 2175
 - Vest Corder Blvd. la riders. 2178
 - Viva Espana!. 2179
 - A book of favorite recipes. 2180
 - Women's Day encyclopedia of cookery. vol. 3. 2182
 - Women's Day encyclopedia of cookery. vol. 1. 2183
 - Women's Day encyclopedia of cookery. vol. 10. 2184
 - Women's Day encyclopedia of cookery. vol. 11. 2185
 - Women's Day encyclopedia of cookery. vol. 12. 2186
 - Women's Day encyclopedia of cookery. vol. 2. 2187
 - Women's Day encyclopedia of cookery. vol. 4. 2188
 - Women's Day encyclopedia of cookery. vol. 5. 2189
 - Women's Day encyclopedia of cookery. vol. 6. 2190
 - Women's Day encyclopedia of cookery. vol. 7. 2191
 - Women's Day encyclopedia of cookery. vol. 8. 2192
 - Women's Day encyclopedia of cookery. vol. 9. 2193
 - Yams brighten winter lunches. 2194
 - Vegetarian cookery 5. 2206
 - Recipe index 1973. 2232
 - Gancel's culinary encyclopedia of modern cooking. 2233
 - Larousse gastronomique. 2250
 - So you want to write a cookbook? 2264
- RECOMMENDED DIETARY ALLOWANCES**
- Basic human nutrition and the RDA. 77
 - The Canadian dietary standard. 108
 - Dietary allowances - an international point of view. 145
 - Explanation of food composition tables and comparison of actual intake with recommended intake. 173
 - Functions and interrelationships of vitamins. 219
 - Protein requirements of preadolescent girls. 463
 - The school lunch - a component of educational programs. 431
 - Some aspects of protein nutrition. 494
 - Legal developments: FDA releases labeling regulations. 595
 - Nutrition labeling. 703
 - Nutrition labeling: more information to help the consumer select foods. 702
 - Nutritional guidelines and labeling. 705
 - Observations: industry comments on nutritional labeling. 709
 - Observations: nutritional labeling, however imperfect, is here. 710
 - Two nutritional labeling systems. 721
 - Proposed nutritional guidelines for formulated meals--foods of the future. 1921
 - Food Guides: their development and use. 2228

RECORDKEEPING

- Nutrition and feeding of infants and children under three in group day care. 561
 - The development of desirable school lunch accounting procedures. 763
 - Management procedures and records. 767
 - Accounting practices for hotels, motels, and restaurants. 803
 - Don't overlook business-connected personal tax deductions. 804
 - Food costs and the 40 thieves. 821
 - Security for business and industry. 849
 - Budgeting: key to planning and control. 867
 - Work analysis and design for hotels, restaurants and institutions. 871
 - A proposed procedure of standardized accounting for the school lunch programs in Oklahoma. 916
 - Quantitative inventory management. 929
 - Elements of supervision. 963
 - Systems approach to labor cost control. 976
 - The science of housekeeping. 982
 - School and institutional lunchroom management. 996
 - School food service management development program: Manual, advanced course. 1001
 - Commercial foods. 1175
 - Commissaryman 3 & 2. 1276
 - School food service management development program: Manual, intermediate course. 1313
 - Food and beverage purchasing. 2318
 - Using storage controls to simplify determination of daily food costs. 2321
 - Peculiar practices in food service establishments. 2326
 - Food purchasing: study guide. 2344
 - Guide for warehousing. 2351
 - Food storage guide for schools and institutions. 2354
- RECORDS (FORMS)**
- A proposed procedure of standardized accounting for the school lunch programs in Oklahoma. 916
 - Using storage controls to simplify determination of daily food costs. 2321
- RECREATIONAL AREAS**
- Marketprobe: Recreation. 2022
- RECREATIONAL PROGRAMS**
- Nutrition by practice. 359
 - Marketprobe: Recreation. 2022
- RECRUITMENT**
- The management of people in hotels, restaurants and clubs. 828
 - Profitable food service management thru recruitment and selection of employees. 903
 - The science of housekeeping. 982
 - Manual for the education of the food service supervisor, Part one of two-part series. 1020
 - Training guide. 1159
 - Recruiting students: an urgent need. 1224
 - Training makes Frisch a growing Big Boy. 1270
 - Your future in restaurants and food service. 1307
 - Serving food (Motion picture). 1775
- REFERENCE MAN**
- Caloric requirements. 188
- REFERENCE WOMAN**
- Caloric requirements. 185
- REFRIGERATION**
- Frozen foods in food service establishments. 1461
 - Preventing food spoilage (Film loop). 1495
 - Caring for coolers. 1560
 - Cooling it. 1567
 - Food service planning. 1506
 - Instructor's guide for presenting equipment use and care. 1643
 - Refrigeration, the 24-hour-a-day workhorse. 1657
 - Space needed for storing and cooling commonly used foods. 1670
 - Walk-in cooling. 1682
 - The complete book of cooking equipment. 1687
 - Cold food handling (Film loop). 1704
 - Hospital food sanitation. (Film loop). 1721
 - Bacterial food poisoning. 1744
 - Sanitation in the kitchen (Transparencies). 1749
 - Is your cold storage adequate? 2313
 - Using storage in food service establishments. 2323
 - Care and handling of prepared frozen foods in food service establishments. 2328
 - Organoleptic technique predicts refrigeration shelf life of fish. 2337
 - Storage of fresh broccoli and green beans - effect on ascorbic acid, sugars, and total acids. 2347
 - Storage specifics. 2362
 - Cold and freezer storage manual. 2364
- REFRIGERATORS**
- Food service refrigerators and food service storage freezers. 1532
- REGIONAL SURVEYS**
- Diets of preschool children in the North Central Region: calcium, phosphorus, and iron. 150
 - Diets of preschool children in the North Central Region: calories, protein, fat, and carbohydrate. 151
 - Growth of preschool children in the North Central Region. 228
 - N education (Panel 1.1) (Panel 2.1). 328
 - The price of civilization. 455
 - Some factors for refusal to participate in nutrition survey. 495
 - Nutritional knowledge and consumer use of dairy products in urban areas of the South. 518
- RELIGIOUS DIETARY LAWS**
- School lunch grows in Brooklyn. 2054
 - Russian-American food patterns. 2163
- REPAIR**
- How to get better service from your gas fryer. 1594
- RESEARCH**
- Communicating with the consumer: basic research on nutrition and safety. 4
 - Nutrition/cardiovascular reviews, 1970-1971. 63
 - Effects of frequency of eating - part 1. 163
 - Effects of frequency of eating - part 2. 164
 - In defense of body weight. 255
 - Multidisciplinary approach to the problem of obesity - sixth Martha F. Truison Memorial Lecture. 327
 - Symposium papers on food and health. 367
 - The price of civilization. 455
 - Research on diet and behavior. 471
 - An evaluation of research in the United States on human nutrition. 536
 - Publications list and research reference. 548
 - Vitamin E and heart disease. 579
 - Notes on the history of nutrition in America. 650
 - A proposed procedure of standardized accounting for the school lunch programs in Oklahoma. 916
 - Marketing in action for hotels, motels, restaurants. 967
 - Selected attitudes of food service personnel participating in two methods of training. 1072
 - Food science and human nutrition. 1098
 - A foundation for in-service success. 1104
 - Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
 - Retention of learning two years after an experimental training program for food service personnel. 1159
 - A study of the educational aspects of the School Lunch Program in South Carolina. 1166
 - Ohio training researched. 1199
 - Vitamins and you (Filmstrip). 1302
 - Facilities for development: pilot plant dedicated to snack food research. 1574
 - Advantages of apo carotenol in coloring non-standardized dressings and spreads. 1790
 - An evaluation of frozen food indicators now on the market. 1839
 - Innovation vs nutrition as the criterion for food product development. 1870
 - Systematic generation of ideas for new foods. 1945
 - Selection of policies for the local lunch program in the public schools. 2011
 - Nutrition awareness in the USDA. 2034

- A study of the effect of certain management factors on nutritive value and pupil participation in the school lunch. 2343
- Home economics research abstracts: 7, food and nutrition. 2138
- Home economics research abstracts: 2, institutional administration. 2199
- RESEARCH METHODOLOGY**
- The development of three instruments to assess forces behind food habits and methods of change. 75
- Fact and fancy in nutrition and food science - chemical residues in foods. 175
- Calorie requirements. 186
- The Joule - unit of energy. 270
- Blood serum vitamin A and carotene studies of preadolescent children. 282
- Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
- The chemical analysis of foods. 447
- Some factors for refusal to participate in nutrition survey. 435
- The status of nutrition in the United States. 532
- Nutrition education research project - report of phase I. 532
- Amino acid content of foods. 539
- An evaluation of research in the United States on human nutrition. 550
- Screening children for nutritional status. 560
- Problems of assessment and alleviation of malnutrition in the United States. 577
- The development of desirable school lunch accounting procedures. 761
- Computers in a dietary study - methodology of a longitudinal growth research project. 784
- Development of evaluative procedures for assessing operational efficiency of school food services. 847
- A survey instrument for the evaluation of the operational efficiency of school food services. 767
- Subjective evaluation of an experimental training program for food service personnel. 1337
- Effects of an experimental training program for food service personnel. 1341
- A preliminary investigation of the effectiveness of pre- and instruction in teaching sanitation to non-professional food service employees. 1043
- Computers in education: relevance for occupational education. 1357
- Study of curriculum development in the field of commercial food at the non-baccalaureate level. 1362
- The effect of a nutrition education program at the second grade level. 1381
- Plans for vocational education for food service industry employees. 1134
- Analysis of tests used to evaluate a training program for food service personnel. 1141
- Development of an instrument to evaluate the effect of a school lunch training program. 1145
- Some aspects of an experimental training program for food service personnel. 1152
- Problems and progress in nutrition education. 1215
- Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
- A critical evaluation of in-service training for classified employees in selected educational organizations in the United States. 1245
- The development and evaluation of eight units of programmed instruction designed to teach basic nutrition. 1306
- A survey of factors relating to the packaged lunch system in selected school districts. 1412
- Food yields summarized by different stages of preparation. 1424
- Evaluating the safety of food chemicals. 1435
- Systematic generation of ideas for new foods. 1945
- An evaluation of the protein quality of a textured soybean product. 1761
- Acceptance of the school lunch program in Kansas. 1972
- Factors affecting student participation in selected Milwaukee, Wisconsin Catholic high school lunch programs. 2717
- Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2279
- Day care survey 1970. 2295
- Day care survey 1970. 2296
- Effect of packaging on quality of dehydrated potato granules during storage. 2317
- RESISTANCE TO CHANGE**
- Diet feeding: a case study in the sociology of health. 142
- Food beliefs affect nutritional status of Malay fishermen. 192
- A half century of changing food habits among Japanese in Hawaii. 231
- Nutrition education is behavioral change. 396
- Sustained behavioral change. 508
- Managing change in food service operations. 883
- The three A's of change - Anticipating, Accepting, Actualizing. 976
- Nutrition education through the mass media in Korea. 1194
- A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1965
- Learning resources: AV or library? 2245
- RESOURCE GUIDES**
- Materials and methods in nutrition education. 133
- A nutrition guidebook for elementary school teachers. 221
- A resource handbook for teaching nutrition in the elementary school. 223
- Teaching the young child good eating habits for life. 311
- Nutrition education in the elementary schools. 312
- Weight control source book. 339
- Nutrition source book. 341
- Doing better at work and play. 343
- Malnutrition and intestinal parasites. 498
- Review and analysis of curricula for occupations in food processing and distribution. 1074
- Preparation of inexpensive teaching materials. 1163
- Nutrition education: Resources available for the school food service supervisor (A panel discussion). 1195
- Curriculum guide for food service instructional programs in Pennsylvania. 1212
- Health education - a conceptual approach. 1229
- Supervised food service worker. 1247
- Enzymes in food processing and products. 1972. 1966
- Parent involvement. 2056
- Federal library resources. 2205
- Hotel and restaurant administration and related subjects. 2221
- Hotel and restaurant administration and related subjects. 2236
- The IFPA encyclopedia of the foodservice industry. 2243
- Directory of information resources in agriculture and biology. 2252
- Materials for occupational education. 2263
- Tables of food composition: Availability, uses, and limitations. 2272
- An annotated international bibliography of nutrition education. 2273
- Directory of films for date education. 2275
- Food makes the difference!. 2283
- United States Government organization manual, 1972/73. 2286
- Directory of educational information centers. 2290
- RESTAURANTS**
- The hotel and restaurant business. 642
- Are your menu prices high enough? 760
- How in shopping centers offers foodservice opportunities. 762
- Can you compete against the \$50,000 minute? 770
- Create your own good-neighbor policy. 797
- Accounting practices for hotels, motels, and restaurants. 803
- Associates of Look's handbook. 876
- The management of people in hotels, restaurants, and clubs. 878
- Marketing in action for hotels, motels, restaurants. 967
- To join or not to join multiemployer bargaining? 979
- Issues for vocational education for food service industry employees. 1134
- Food service. 1161
- Food service selling. 1260
- Training makes Frisch a growing Big Boy. 1270
- Changing patterns in foodservice. 1326
- Gain menu prestige with perk. 1333
- Fresh vegetable cookery...Stockill's "splendid fare". 1430
- Hot breads, a profitable "extra". 1447
- Planned merchandising sells wine for Red Coaches. 1486
- A practical formula for successful wine business. 1492
- Quantity cookery. 1522
- Around the menu with gas broilers. 1553
- The best investment we've ever made. 1557
- A professional's tour guide: Big Mac's Foodservice. 1652
- A simplified systems approach to multi-unit design. 1663
- Think clean. 1780
- Hotel and restaurant administration and related subjects. 2221
- RETAILING**
- Food retailers help teach food buying. 21
- Retail frozen food sales by state. 935
- RETENTION**
- Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
- Retention of learning two years after an experimental training program for food service personnel. 1159
- RIBOFLAVIN**
- The vitamins. 484
- Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
- Thiamine and riboflavin retention in cooked variety meats. 525
- RICE**
- Iron absorption by adults fed mixtures of rice, milk, and wheat flour. 261
- Quick and easy "space rice". 1497
- Rice ideas for school lunch. 1499
- Frozen, precooked rice shapes suitable for all markets. 1462
- Shaped rice products offer promise as new "finger food". 1932
- Rice and everything nice. 2167
- ROASTING**
- Time-temperature and time-weight losses in meat roasts. 526
- Forced convection roasting at 200 degrees and 300 degrees F. 1428
- Roasting (Film Loop). 1501
- The 10 cooking, heating and reconstituting applications: part 4. 1546
- Palatability of meat after low temperature roasting and frozen storage. 1935
- A revolution in meat roasting. 1928
- ROBBERY PREVENTION**
- Security protection for foodservice. 950
- Stick 'em up. 968
- RODENT CONTROL**
- Control of rats and mice (Film loop). 1706
- Sanitation: Rodent and insect control (Film Loop). 1770
- ROLE PLAYING**
- Simulation of interpersonal relations. 1241
- ROOT, TUBER AND BULB VEGETABLES**
- Potatoes: production, storing, processing. 662
- Dry onions. 666
- RURAL AREAS**
- Handover report of the President. 2234
- RURAL POPULATION**
- Iron deficiency in rural infants and children. 263
- RUSH HOUR SERVICE**
- Rush hour service (Film Loop). 1592
- SAFETY**
- Communicating with the consumer: basic research on nutrition and safety. 4
- Quality assurance-Today & tomorrow. 33
- Fulfilling the scientific community's responsibility for nutrition and food safety. 217

SAFETY EDUCATION

Food for groups of young children served for during the day. 545
 Nutrition: Between eating for a head start. 551
 Legal requirements for food safety. 696
 Sounds from Capital Hill: more regulations, more restrictions. 719
 What is industry's approach to quality assurance? 744
 Management manual, Type A lunch. 859
 The basic four of work. 970
 Stick 'em up. 958
 Instructor's outline for foundations of school food service. 1094
 Cooking for food managers-a laboratory text. 1113
 Food handling and food service examinations. 1149
 Food service: teachers guide. 1174
 Teaching successfully in industrial education. 1243
 Food service supervisor-school lunch manager. 1274
 Cooks: a suggested guide for a training course. 1293
 Quantity food preparation: A suggested guide. 1293
 The professional chef. 1411
 Quantity food preparation and service. 1425
 Elements of food production and baking. 1456
 Instructor's guide for presenting equipment use and care. 1543
 Role of a unique product safety testing organization. 1595
 Accidents don't happen (Filmstrip). 1694
 The angry flame: a fire protection message (Filmstrip/Record). 1595
 Cleanliness and safety (Film loop). 1700
 Cleanliness and safety (Film loop). 1701
 Cleanliness and storage (Film loop). 1732
 Food additives. 1711
 How to get ready for your next accident. 1723
 Keeping your cool (Film loop). 1730
 Kitchen safety: Preventing burns (Film Loop). 1733
 Kitchen safety: Preventing burns (Motion Picture). 1734
 Kitchen safety: Preventing cuts and strains (Film Loop). 1735
 Kitchen safety: Preventing cuts and strains (Motion Picture). 1735
 Kitchen safety: Preventing falls (Motion Picture). 1737
 Kitchen safety: Preventing fires (Film Loop). 1735
 Kitchen safety: Preventing machine injuries (Film Loop). 1739
 Kitchen safety: Preventing machine injuries (Motion Picture). 1740
 Safety and sanitation. 1752
 Safety and sanitation. 1754
 An ounce of prevention (Filmstrip). 1755
 The right way (To lift) (Filmstrip). 1762
 Simple training plan cuts accidents. 1776
 Work smart--stay safe: an employee safety message (Filmstrip/Record). 1788
 A manufacturer looks at food safety. 1875
 Evaluating the safety of food chemicals. 1886

SAFETY EDUCATION
 Elementary body mechanics (Film loop). 1082
 Accidents don't happen (Filmstrip). 1694
 Hospital kitchen safety (Film loop). 1722
 Kitchen safety: Preventing burns (Film Loop). 1733
 Kitchen safety: Preventing burns (Motion Picture). 1734
 Kitchen safety: Preventing cuts and strains (Film Loop). 1735
 Kitchen safety: Preventing cuts and strains (Motion Picture). 1735
 Kitchen safety: Preventing falls (Motion Picture). 1737
 Kitchen safety: Preventing machine injuries (Film Loop). 1739
 Kitchen safety: Preventing machine

Injuries (Motion Picture). 1740
 An ounce of prevention (Filmstrip). 1755
 The right way (To lift) (Filmstrip). 1762
 Safety in the kitchen (Transparencies). 1765

SALAD DRESSINGS
 Focus group interview - reveals likes and dislikes for salad dressings, containers. 1850

SALADS
 Looking at nutrition 12 ways. 571
 Lettuce--the salad staple. 641
 Something special at O.U. 956
 Techniques in the preparation of fruits and vegetables. 1140
 Food training routines. 1142
 Quantity cookery and food preparation. 1377
 Quantity cooking. 1383
 Quantity food preparation: a course for school food service. 1392
 A Cool head for salads (Film Loop). 1409
 Fresh vegetable cookery...Steckli's "splendid fare". 1430
 Hurray for the clockwork orange! 1452
 Understanding cooking. 1459
 Salads and vegetables. 1478
 A portfolio of kitchen fundamentals. 1485
 Salad preparation (Film loop). 1503
 Salads and dressings (Transparencies). 1504
 Salads are for eating. 1505
 Advantages of a carotenol in coloring non-standardized dressings and spreads. 1790
 Developing a product to make salads taste special. 1823
 Vegetarian cookery 1. 2114
 From the Mediterranean, salad nicole. 2141
 The professional chef's catering recipes. 2147
 Salad spectacular Lending type A's. 2164
 Woman's Day encyclopedia of cookery, vol. 10. 2184
 The lettuce lesson. 2316

SALARIES
 The management of people in hotels, restaurants, and clubs. 478
 Profitable food service management thru job evaluation. 904

SALMONELLOSIS
 Communicating with the consumer: safety of food supply. 7
 Bacterial contamination of food. 1696
 Food-borne illness: cause and prevention (Slides). 1714
 Salmonellosis. 1747
 The unwanted four: germs that cause food poisoning (Filmstrip/Record). 1783

SANDWICH-MAKING
 Fast sandwich making (Film Loop). 1421
 Heroes & submarines - new life for jaded menus. 1443
 How to make a better fish sandwich. 1449
 Modern sandwich methods (Filmstrip/Phonodiscs). 1456
 Pinwheel sandwiches (Film loop). 1485
 Ribbon and checkerboard sandwiches (Film loop). 1498
 Au gratin sandwiches are patron-pleasers. 2110

SANDWICHES
 Fast sandwich making (Film Loop). 1421
 Finger food industry-new life for jaded menus. 1422
 The hamburger sandwich (Film Loop). 1441
 Heroes & submarines - new life for jaded menus. 1443
 Modern sandwich methods (Filmstrip/Phonodiscs). 1456
 Sandwich preparation and presentation (Film Loop). 1505
 Au gratin sandwiches are patron-pleasers. 2110
 Vegetarian cookery 2. 2116
 Kraut's winning ways. 2151
 Super sandwiches save the day. 2169
 Woman's Day encyclopedia of cookery, vol. 10. 2184

SANITATION
 Inspection, labeling, and care of meat and poultry. 38
 Staphylococcus food poisoning. 309

Malnutrition and intestinal parasites. 498
 Food for groups of young children served for during the day. 546
 Nutrition: Between eating for a head start. 551
 Ice cream. 625
 Food service manual for health care institutions. 757
 Planning and operating a successful food service operation. 868
 Management manual, Type A lunch. 869
 The basic four of work. 870
 The science of housekeeping. 982
 Watch specifications for contract cleaning. 995
 School and institutional lunchroom management. 996
 A preliminary investigation of the effectiveness of programed instruction in teaching sanitation to non-professional food service employees. 1048
 Introduction to professional food service. 1053
 Instructor's outline for foundations of school food service. 1094
 Food service orientation (Film loop). 1102
 Cooking for food managers-a laboratory text. 1110
 School food service management, short course 1. 1133
 Food training routines. 1142
 Food handling and food service examinations. 1149
 An overview of school food service. 1186
 Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
 The training of ancillary staff in hospitals. 1242
 Training the food service worker (Kit). 1272
 Food service supervisor-school lunch manager. 1274
 Commissaryman 3 & 2. 1276
 Cooks: a suggested guide for a training course. 1290
 Kansas school lunch menu planning book, 1971-72. 1341
 Food preparation. 1382
 The professional chef. 1411
 Quantity food preparation and service. 1425
 Elements of food production and baking. 1456
 Standards, principles, and techniques in quantity food production. 1458
 A manual for emergency mass feeding leaders. 1474
 A handbook on quantity food management. 1512
 Basic course in emergency mass feeding. 1528
 Caring for coolers. 1560
 A directory of systems capability. 1569
 Commercial gas fired and electrically heated hot water generating equipment. 1614
 Commercial powered food preparation equipment. 1615
 Automatic ice making equipment. 1616
 Manual food and beverage dispensing equipment. 1617
 Commercial bulk milk dispensing equipment and appurtenances. 1618
 Vending machines for food and beverages. 1619
 Pot, pan and utensil commercial spray type washing machines. 1620
 Detergent and chemical feeders for commercial spray type dishwashing machines. 1621
 Commercial cooking equipment exhaust systems. 1622
 Laminated plastics for surfacing food service equipment. 1623
 Dinnerware. 1624
 Air curtains for entranceways in food establishments. 1625
 Special equipment and/or devices. 1626
 Food service equipment and appurtenances. 1627
 Dispensing freezers including recommendations for installation. 1628
 Commercial cooking and hot food storage equipment. 1629
 Commercial spray-type dishwashing machines. 1630
 Soda fountain and luncheonette equip-

--

- ents. 1631
Food service refrigerators and food service storage freezers. 1632
Instructor's guide for presenting equipment use and care. 1643
How the trend is to waste compactors. 1645
A systems approach to warewashing equipment. 1673
"Search and destroy" tactics work. 1693
Clean-up schedule. 1698
Cleaning and sanitizing (Film loop). 1699
Cleanliness and safety (Film loop). 1700
Cleanliness and safety (Film loop). 1701
Cold food handling (Film loop). 1704
Control of ants, flies and mosquitoes (Film loop). 1705
Control of rats and mice (Film loop). 1706
Disposables, and disposability. 1708
Flies, filth, and food (Film loop). 1709
Floor care (Film loop). 1710
Food preparation (Motion picture). 1712
Food-borne illness: cause and prevention (Slides). 1714
The freezers: foodservice pest control (Filmstrip/Record). 1716
Food, hands, and bacteria. 1717
Food sanitation. 1719
Hospital food sanitation. (Film loop). 1721
Identification and control of roaches (Film loop). 1724
It can happen here (Filmstrip). 1726
It can happen here (Motion picture). 1727
Food sanitation: study course. 1728
Keep clean, stay well (Motion picture). 1729
The kitchen (Film loop). 1731
Quantity food sanitation. 1741
Sanitary techniques in food service. 1742
Quantity food sanitation. 1743
Bacterial food poisoning. 1744
Milk and public health (Motion Picture). 1745
Salmonellosis. 1747
Mr. Dish machine operator (Film Loop). 1749
Mr. Dish machine operator (Film Loop) (Spanish). 1750
Mr. Dish machine operator (Motion Picture). 1751
Safety and sanitation. 1752
School food service sanitation a manual for school food service employees. 1753
Safety and sanitation. 1754
An Outbreak of Staphylococcus intoxication (Motion picture). 1756
Plant sanitation: how to squeeze the most from trash compactors. 1757
A practical primer on essential sanitation concepts. 1758
Public health aspects of poultry processing (Motion picture). 1759
Sanitation for food service workers. 1761
Safety is Jo to you (Filmstrip). 1766
Sanitary storage and collection of refuse (Motion picture). 1767
Sanitation checklists for management. 1768
Sanitation in the kitchen (Transparencies). 1769
Sanitation: Rodent and insect control (Film Loop). 1770
Sanitation: Rules make sense (Film Loop). 1771
Sanitation: Rules make sense (Motion Picture). 1772
Sanitation: Why all the fuss (Film Loop). 1773
Sanitation: Why all the fuss (Motion Picture). 1774
Serving food (Motion picture). 1775
Simplified food preparation systems - their impact on your sanitation systems. 1777
Standards of cleanliness (Film loop). 1778
Sanitary food service. 1782
The Unwanted four: germs that cause food poisoning (Filmstrip/Record). 1783
Food-borne illness. 1784
Washing up (Film loop). 1785
Washing-up: Part 1 (Slides). 1786
Washing-up: Part 2 (Slides). 1787
Food for Peace around the world. 2080
A guide for planning food service in child care centers. 2091
Care and handling of prepared frozen foods in food service establishments. 2328
Food storage guide for schools and institutions. 2354
SATELLITE
Feed acrebioteleg: Theoretical basis and popularized material. 205
Anatomy of a satellite system: Vauwet-usa Lunch Program. 1381
Convenience food systems: building food systems for the future. 1403
Hot lunches are within easy reach. 1448
A nothing lunch program becomes really something - at decent cost. 1477
Satelliting suggestions from Laredo. 1507
The school food service production kitchen. 1509
The Baltimore school lunch story. 1975
Satelliting in the suburbs. 2051
School lunch in High Point: a community pride. 2055
SAUCES
Gallus examines the sauce scene. 834
Factors affecting the quality of sauces (gravies). 1420
The magic of saucery. 1460
Use of lowfat dairy spread in medium white sauce and plain white frosting. 1530
White sauce (Film loop). 1543
Custard sauces made with four types of processed eggs. 1616
Stability of gravies to freezing. 1940
Indonesian rack of lamb. 2146
SAUERKRAUT
Kraut's winning ways. 2151
SAUSAGE
A sensational sausage system that sells. 659
Institutional meat purchase specifications for sausage products--series 800. 736
SCHOOL ADMINISTRATION
Watch specifications for contract cleaning. 995
SCHOOL BREAKFAST
California states its position. 102
The lunch bunch study. 131
School food service management. 1131
School food service management. 1132
School food service management, short course I. 1133
Menu planning. 1334
A menu planning guide for breakfast at school. 1365
Their dilly bread. 1984
A study of school feeding programs - I. Economic eligibility and nutritional need - II. Effects on children with different economic and nutritional needs. 2068
Child nutrition programs. 2090
SCHOOL BREAKFAST PROGRAMS
Focus on nutrition...You can't teach a hungry child. 2. 184
A.O.A. supports school food service in testimony before congressional committees. 670
H.R. 9098 - a bill to extend and amend certain provisions of the Child Nutrition Act and of the National School Lunch Act. 722
H.R. 7934 - a bill to extend and amend the Child Nutrition Act of 1966. 724
State directors cast out school meals. 966
Morning menus. 1347
What's for breakfast? 1359
Writing their own menus. 1370
Co-existence: surplus commodities and convenience foods. 1400
High protein feed developed for school children. 1857
Breakfast delight. 1977
Breakfast program in schools receives wide acceptance. 1978
Does breakfast help? 1989
Focusing on feeding kids. 2003
If we had ham, we could have ham and eggs - If we had eggs. 2005
How to start a breakfast program. 2010
In behalf of breakfast. 2014
Jemez Pueblo discovers the cup-can. 2015
The lunch bunch study. 2019
Nutrition is the school's business. 2035
Orange Juice studied. 2042
The status of school foodservice; part I. 2066
Food service in the nation's schools: a preliminary report. 2084
Waffles and syrup, anyone? 2097
10,000 came to breakfast. 2106
SCHOOL CHILDREN (6-11 YEARS)
Big Ideas in nutrition education. 93
Feeding children. 181
Nutrition concepts held by seventh and eighth grade pupils in Iowa. 238
Nutrition of a group of school children in Ohio with improved diets. 438
Nutritional status of 9-, 10- and 11-year-old public school children in Iowa, Kansas, and Ohio. 439
A report of Oklahoma food habits survey. 440
Protein requirements of preadolescent girls. 460
Puppets sell good nutrition. 464
Serum cholesterol from pre-adolescence through young adulthood. 490
Teacher, there's an eggplant in the classroom. 513
Teaching nutrition in the elementary schools. 565
What school lunch is doing for undernutrition in Baltimore. 599
A study of the breakfast eating habits of school age girls and boys, grades one through twelve, of an Oklahoma community with implications for teaching nutrition. 609
Youngsters' taste test picks favorites. 1006
Points for planning Type A lunches. 1355
Writing their own menus. 1370
Does breakfast help? 1989
School lunch grows in Brooklyn. 2054
Summer food service in Cincinnati. 2071
10,000 came to breakfast. 2106
Put egg in your pizza. 2159
Tacos--taste treat for tots to teens. 2170
Preschool, primary and intermediate teaching materials and teacher references. 2269
SCHOOL COMMUNITY RELATIONS
Focus on optimal development: Improving child nutrition. 185
Nutrition education and the related management processes. 306
Nutrition education: Nutrition delivery systems and the management function. 372
Innovative approaches to nutrition education and related management processes. 499
Developing community support of nutrition education programs. 801
How to push a good thing. 856
Reaching significant publics: The parent and community invs. 930
Reaching significant publics: The state of the boy. 1971. 931
School food service management development program: Manual, advanced course. 1001
Developing a hospitality program in high schools. 1063
Exploring local resources. 1087
School food service management, short course I. 1133
Teaching successfully in industrial education. 1240
So much, for so many, for so little. 1243
Community action: the nonprofessional in the educational system. 1288
School food service management development program: Manual, intermediate course. 1313
How to start a breakfast program. 2010
SCHOOL FOOD SERVICE
"Talk-ins"--Summary of group reports: Role of the school food service in nutrition education. 46
ARA sells a 'rainbow' lunch. 47
ASBO resolution affirms dedication to educational and food service needs of students. 48
Adventures in nutrition education resource, no. 1 -- nutrition education

SCHOOL FOOD SERVICE

- resource materials presentation with emphasis given to the role of the School Food Service. 52
American School Food Service Association blueprint for school food service and nutrition education. 59
Nutrition: a course for school food service personnel. 101
California states its position. 102
Cultural food patterns and School Food Service. 133
Materials and methods in nutrition education. 153
How up-to-date is your nutrition knowledge. 247
Is education meeting the nutrition challenge of today--what should be done. 268
Nutrition education and the related management processes. 306
Basic nutrition and menu planning. 370
Nutrition education: Nutrition delivery systems and the management function. 372
Nutrition by practice. 389
Nutritional aspects of engineered foods and delivery systems in school food service. 420
Panel: Where do I begin and what do I do in nutrition edu. 445
Roles and challenges of school food service in nutrition education. 478
Innovative approaches to nutrition education and related management processes. 499
Unified approaches toward nutrition on Education through School Food School and Home Economics Education. 568
Universal school food service and nutrition education: a symposium. 572
Nutrition education in the school food service: challenges, changes, and commitment. 592
What food means to children. 594
Yorktown students don't jump for junk. 616
But what are they among so many? An ancient food for a modern need. 629
Fountain of life and hope (Motion picture) (Spanish). 537
Education in the States: nationwide development since 1900. 645
The new era in nutrition. 646
Notebook or say: Florida's questions on soy. 647
A.O.A. supports school food service in testimony before congressional committees. 670
Challenge to the seminar. 676
Meal requirements for lunch programs offer flexibility. 697
Accountability '73, food service style. 751
An administrator's view of school food service. 752
Are you a formal cook? 759
New directions for action. 761
Data processing procedures for cafeteria accounting. 765
Management procedures and records. 767
Personal management. 769
Work improvement. 769
Centralized food service systems--A review. 772
Children's perception of food. 775
Communication and affecting change. 781
Contract foodservice--pros and cons. 793
Convenience food systems: prepackaged lunch comes to school. 792
Convenience food systems: raw-to-ready scale, key to modernization. 793
Convenience food systems: vote "yes" on a convenience food system? 794
Creativity in education and management. 799
Expanding the conventional school food service program. 811
Experiences in using management services. 812
FF service companies vie for share of \$1 million school lunch programs. 816
Development of evaluative procedures for assessing operational efficiency of school food services. 847
How much do they want? 850
The ideal concept--A systems approach to school food service problems. 857
Ideas for promoting participation. 858
Is school lunch 25 years behind? 866
Management manual. Type A lunch. 859
Let's tell it like it is!. 875
Management functions of school and non school food services. 881
Methods for analyzing operations in school food service. 888
The mouse and the astronaut. 874
New developments in school food service. 907
A new era in school food service. 908
Innovative management for the expanding school food service program. 910
Optimizing our human resources. 912
Organization and coordination of resources. 913
Panel on characteristics of centralized food service systems. 917
The school administrator and the food service program. 920
Planning short and long range objectives for the future of the school food services. 921
Purposeful change in school food service programs. 927
Quality control of food in the school food service. 928
Review of management functions. 936
School board source of foodservice support. 943
School feeding programs as an aspect of the educational institution -- Panel discussion. 944
The school food service administrator and the computer. 945
The school food service labor relations picture. 946
School food service: new laws can help you provide it. 947
School food service: twelve trends you should track. 948
School lunch program becomes big factor for frozen meat firm. 949
Selling students. 951
A survey instrument for the evaluation of the economic efficiency of school food services. 952
Small day care centers loom as giant market for frozen prepared lunches. 954
Management function of a centralized school food service system. 959
New concepts in management. 960
Soy helps Skokie's budget. 961
Staffing the school food service. 965
School food service financial management seminar for uniform accounting. 985
Principles of public accounting. 987
Utilizing outside contractors to expand school food service operations. 991
Vending cafeteria leads to suit by service employees. 993
School and institutional lunchroom management. 996
Who says school lunch needs public relations? 999
School food service management development program: Manual, advanced course. 1001
Wise up--go modern--cut out a la carte and cut costs. 1002
Youth speaks: Student involvement in school food service --a panel discussion. 1007
93¢ a day. 1010
School lunch worker other than director or supervisor. 1025
And then there were 171. 1026
Effects of an experimental training program for food service personnel. 1041
CNI joins in training Milwaukee Interns. 1042
College joins school foodservice in training workers. 1054
Dynamic "Think" sessions - Summary of brainstorming groups. 1073
Instructor's outline for foundations of school food service. 1094
Foundation course. 1105
Integrating nutrition education into the school curriculum. 1128
Intern develops cook-helper test. 1130
School food service management. 1131
School food service management. 1132
School food service management, short course I. 1133
It can be done. 1136
A New Horizon: careers in school food service (Filmstrip). 1173
Food procurement for school food service. 1185
An overview of school food service. 1186
Oklahoma school lunch directors. 1203
Our future is you (Motion picture). 1209
Project feast puts it all together. 1220
Recruiting students: an unmet need. 1224
Satisfying MH students' appetites and needs. 1228
A reference guide for evaluation of school lunch training. 1247
Staffing and training personnel for centralized school food service systems. 1248
Student involvement in school food service and nutrition programs. 1249
Subjective evaluation of an experimental training program for food service personnel. 1250
Training the handicapped. 1273
School food service management development program: Manual, intermediate course. 1313
Add "canned" imagination to school lunches. 1319
Advanced menu planning. 1323
Beginning menu planning. 1324
Menu planning. 1334
Give them a choice!. 1336
Monographs simplify recipe alterations. 1349
Put fish and seafood on the school menu. 1356
Seven choices for lunch. 1359
A menu planning guide for Type A school lunches. 1366
Akron schools get A for achievement with frozen type A lunches. 1376
Practical cooking and baking for schools and institutions. 1378
Anatomy of a satellite system: Wauwatosa Lunch Program. 1381
Quantity food preparation: a course for school food service. 1392
Cicuded outlook for contract feeding. 1399
Contract food management: digesting the alternatives. 1401
Convenience food systems: building food systems for the future. 1403
Convenience food systems: open school selects bulk food system. 1404
Cook it with steam!. 1406
Food systems are providing hot lunches for Massachusetts school children. 1427
Frozen pre-plated meals solve problem of feeding underprivileged pupils. 1434
Food preparation for school food service personnel. 1436
Hot lunches are within easy reach. 1448
New candidates for your recipe file. 1472
Quantity food production management. 1476
Salads and vegetables. 1478
Satisfying suggestions from Laredo. 1507
Save for a change: ideas to cut costs. 1508
The school food service production kitchen. 1509
Baking in the school lunch program. 1533
Automated materials handling, labor-saving equipment, and services of food service contractors are in school food service picture. 1555
Kitchen standards for the Board of Education of Baltimore County. 1556
Control of use of space and equipment. 1565
Conveyor system speeds service in central kitchen. 1566
The electric convection oven. 1570
Forty new uses for school feeding. 1576
Intern researches disposable trays. 1597
It's multipurpose!. 1604
Model kitchen at Waukesha. 1611
New electric kitchen systems added to 1970 Laurels roster. 1636
School lunch room. 1639
New seating patterns add visual variety. 1642
Instructor's guide for presenting equipment use and care. 1643
Facilities guide. 1644

- One kitchen serves two schools. 1666
Put it in 'wheels' for convenience and flexibility. 1654
School building design meets educational philosophy in Boyertown. 1660
Space needed for storing and cooling commonly used foods. 1570
Equipment guide for preschool and school age child service institutions. 1679
Walk-in cooling. 1632
What is the best seating for lunchroom? 1534
1972 school food service showcases. 1692
Safety and sanitation. 1752
School food service sanitation a annual for school food service employees. 1753
Turkey: the bad guy of school lunch. 1781
Egg solids: making the convenient more convenient. 1835
Exploring different ways of meeting nutritional needs. 1841
Eye the potato for vitamin C. 1846
Nutrition notes: where are we going with school feeding? 1902
Processing contracts mean more bread. 1919
Some things you might not know about the foods served to children. 1936
Sophisticated technology for the school market. 1937
Textured proteins can solve the nutrition-dollar dilemma. 1950
'Meat and potatoes' and tacos, too!. 1969
ANSER questions: Florida county systems. 1970
CART strikes back at world's malnutrition. 1979
Catholic schools: the best and the worst of times. 1980
Child nutrition--a proud record. 1982
The contractor supplying a school food service package. 1985
Convenience food systems: Sacramento develops a semi-convenience system. 1986
Current demands on the School Food Service System. 1987
Directing and communications in a central system. 1988
Extended child-feeding projects will mean more use of FF. 1997
F.O.D.O aids needy children. 1998
Federal aid, current status. 1999
Feeding America's children at school. 2001
Fort Wayne, Indiana, community school is...A system for the future. 2007
From Colorado' get the most out of summer feeding. 2008
How to start a breakfast program. 2010
The impact of school food service, its value to education and its future. 2013
L.A. kids get hot meals this summer; their grandparents get something, too. 2018
Marketprobe: New business in school lunch. 2021
The Massachusetts school lunch nutritional study. 2023
Not all governments support school lunch. 2031
Nova wears new--in school foodservice too!. 2032
Position statement of the American School Food Service Association on food served in child nutrition programs. 2047
The Sacramento system: commodity comparability. 2050
Satisfying in the suburbs. 2051
School food service nutrition education finance project. 2052
A school foodservice professional speaks out. 2053
School lunch looks to the future. 2057
School lunch: Alaska style. 2055
School systems implementation: Texas style. 2059
Staffing Broward County-style. 2064
The status of school foodservice: part I. 2065
A study of school feeding programs - I. Economic eligibility and nutritional need - II. Effect on children with different economic and nutritional needs. 2068
Summer programs offer 'three squares'. 2073
Summer school-feeding program fills need in Harford. 2074
Lunch programs in the nation's schools. 2081
Food service in the nation's schools: a preliminary report. 2084
Profiles in quality education. 2095
Wauwatosa Public Schools Lunch Program: a satellite system. 2098
What schools are doing. 2099
What was the Rutgers study? 2100
Ideas that giv. 2145
Jazz up winter menus. 2150
New low-cost fish recipes pass child test. 2153
Notebook on soy: how to use soy in recipes. 2154
Peach bake-off. 2156
Salad spectacular tempting type A's. 2164
Strawberry time. 2168
Super sandwiches save the day. 2169
Guides for writing and evaluating quantity recipes for type A school lunches. 2175
A book of favorite recipes. 2180
The techniques of culinary artistry for school banquets, luncheons, and teas. 2181
Yams brighten winter lunches. 2194
Implications of the National nutritional study. 2241
School food purchasing guide. 2299
Bid specs ensure quality, lower costs. 2302
The commodities: Mrs. Joyce vs. Mrs. Clay. 2305
Food purchasing. 2309
Purchasing. 2310
Quantity guide. 2336
Peanut butter use encouraged. 2338
Potatoes made easy for school lunch. 2339
Processing commodities saves money for nation's schools. 2340
Food storage guide for schools and institutions. 2354
What's in the can? 2360
Why not cooperative purchasing? 2361
SCHOOL FOOD SERVICE SUPERVISORS
Contract foodservice--pros and cons. 790
Work simplification. 1003
New professionals to the rescue. 1179
Team supervision. 1257
Around the nation...A professional's round robin of school food service. 1972
School lunch: Alaska style. 2058
SCHOOL LUNCH
Es to determine nutrient content of a type "A" lunch. Discus. 169
Improving nutrient content of foods served. 253
The school lunch - a component of educational programs. 481
Centralized food service systems-A review. 772
Group work session: listening guide for integrating nutrition education into the program. 845
How to capitalize on student food preference patterns. 854
School Lunch Task Force Report. 942
The Baltimore school lunch story. 1975
SCHOOL LUNCH PROGRAMS
ARA sells a 'rainbow' lunch. 47
Balanced nutrition through food processor practice of nutrification: model experience in school food service. 74
Child nutrition: An idea whose time is here. 114
Hunger, U.S.A. 119
Statement of Walter A. Condon, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
The lunch bunch study. 131
Dietary intake and physical development of Phoenix area children. 147
Nutrition education guide. 158
Introduction to nutrition. 182
Food and nutrition education in the primary school. 187
Lipid components of type A school lunches. 281
Major mineral elements in type A school lunches. 285
Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
Nutrition and school lunch. 364
Nutrition and school food service, state of New Mexico. 365
Nutrition for Head Start. 398
Nutrition of a group of school children in Ohio with improved diets. 438
Nutritional status of 9-, 10- and 11-year-old public school children in Iowa, Kansas, and Ohio. 439
A report of Oklahoma food habits survey. 440
Nutrition and intellectual growth in children. 522
School lunch and the curriculum. 591
What school lunch is doing for undernutrition in Baltimore. 599
What's wrong with school lunch? 602
Yerktown students don't jump for junk. 614
The commodities controversy: food for your lunch. 632
The cup-can approach. 634
Fountain of life and hope (Motion picture) (Spanish). 637
Notebook on soy: what's and why's of textured vegetable protein. 649
A.D.A. testimony on school lunch before House of Representatives' committee. 671
Changes in the law and new legislation--what it means. 677
Meal requirements for lunch programs offer flexibility. 697
Poverty guidelines announced. 716
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 729
Are prepack lunches the answer? 758
The development of desirable school lunch accounting procedures. 763
Colorado school lunch handbook. 778
Communicating with low income families through the school and child day care food service. 779
Convenience food systems: prepackaged lunch comes to school. 792
How to get into the news. 855
Management aspects of school lunch programs in Iowa. 865
Is school lunch 25 years behind? 866
Management needs better understanding of food service potentials in planning and using efficient food service facilities. 882
The house and the astronaut. 894
Personnel management and work organization. 909
A proposed procedure of standardized accounting for the school lunch programs in Oklahoma. 916
Small day care centers look as plant market for frozen prepared lunches. 954
Sophomore high school students' attitudes toward school lunch. 957
State directors cost out school meals. 966
School lunches: a billion-dollar market for food. 983
Private school lunch. 984
Who says school lunch needs public relations? 999
Youngsters' taste test picks favorites. 1006
Development of an instrument to evaluate the effect of a school lunch training program. 1148
Let's play detective. 1150
Lunch-room etiquette (Motion picture). 1152
A study of the educational aspects of the School Lunch Program in South Carolina. 1166
How to purchase for school lunch. 1176
How to purchase for school lunch. 1177
Menu planning for school lunch, August 11-14, 1969. 1178
Guide for training school lunch personnel. 1181
Oklahoma school lunch handbook. 1200
Management I. 1201
Oklahoma school lunch course of study. 1202
Basic menu planning. 1207
Basic menu planning. 1208
Relating school lunch and classroom teaching. 1225
A reference guide for evaluation of school lunch training. 1247

SCHOOL SYSTEMS

School lunch leadership training conference. 1275
 Choices in our menus. 1327
 Getting more school lunch into kids. 1335
 Increasing iron in Yops A lunches. 1333
 Kansas school lunch menu planning book, 1971-72. 1341
 Menu planning for school lunch, August 11-14, 1967. 1345
 Better school lunches in Oklahoma. 1351
 menu planning book. 1352
 School lunch on-line in Kansas. 1357
 Seven choices for lunch. 1359
 Should milkshakes have a place in the type A lunch? 1350
 Stretch 'n substitute. 1361
 An automated simulation vehicle for school business administration accounting computerized selective school lunch menu planning. 1362
 Type A--two different ways. 1364
 Handbook of twenty consecutive menus as submitted by Utah districts. 1357
 Writing their own menus. 1370
 Co-existence: surplus commodities and convenience foods. 1403
 Convenience--to use or not to use? 1405
 A survey of factors relating to the prepackaged lunch system in selected school districts. 1412
 Efficiency escalation in school lunch programs. 1418
 Hide the liver!. 1444
 Baking in the school lunch program. 1454
 Kids are eating "sizzling" lunches. 1457
 Merchandising school lunch. 1464
 A nothing lunch program becomes really something - at decent cost. 1477
 The Philadelphia plan--lunch in a can. 1484
 Satellite suggestions from Laredo. 1517
 Sizzling Brussels sprouts to students. 1511
 Spicing vegetables. 1513
 Establishing central school lunch kitchens in urban areas. 1527
 What is the future of textured protein products? 1540
 What's and why's of cup-can. 1542
 Is freezers that stay out in the cold. 1577
 New electric kitchen systems added to 1970 Laurels roster. 1536
 New look at Old Orchard. 1634
 Philadelphia not lunch program: a model for low-budget schools. 1650
 Layout, equipment, and work methods for school lunch kitchens and serving lines. 1578
 Turkey: the bad guy of school lunch. 1781
 Extruded snack matched to nutritional needs, and marketed to school age consumers. 1843
 Nutrition notes: where are we going with school feeding? 1902
 Should we or shouldn't we fortify foods? 1934
 What are textured protein products? 1963
 'Meat and potatoes' and tacos, too!. 1969
 The Alaskan way. 1971
 Around the nation...A professional's round robin of school food service. 1972
 As others see us. 1973
 Break for the "lunch bus". 1976
 Celebrities air food help message. 1981
 Choice makes the difference. 1983
 Oats breakfast help? 1989
 Mexican-American food items in the Tucson, Arizona, school lunch program. 1990
 Acceptance of the school lunch program in Kansas. 1992
 High school lunch program - a model for decision analysis. 1974
 Feeding America's children at school. 2001
 Focusing on feeding kids. 2003
 Food for all school children: when? 2004
 Food to follow through. 2006

Fort Wayne, Indiana, community school-15...A system for the future. 2007
 From Colorado: get the best out of summer feeding. 2008
 How the District feeds its kids. 2009
 Selection of policies for the local lunch program in the public schools. 2011
 The impact of school food service, its value to education and its future. 2013
 Jemez Pueblo discovers the cup-can. 2015
 Kindergarteners make friends with school lunch. 2016
 Factors affecting student participation in selected Milwaukee, Wisconsin Catholic high school lunch programs. 2017
 L.A. kids get hot meals this summer; their grandparents get something, too. 2018
 The lunch bunch study. 2019
 Majority of administrators unperturbed by school lunch criticisms. 2020
 Marketprobe: New business in school lunch. 2021
 A guide to food programs in Montgomery County. 2027
 A new decade for School Food Service. 2029
 Not all governments support school lunch. 2031
 A nutritious diet for all Americans. 2038
 A study of the effect of certain management factors on nutritive value and pupil participation in the school lunch. 2040
 Reaching the hard-to-reach schools. 2049
 School lunch grows in Brooklyn. 2054
 School lunch in High Point: a community pride. 2055
 School lunch in High Point: a community's pride. 2056
 School lunch: Alaska style. 2058
 A simplified school lunch system. 2060
 Southwest Region's response to the challenge of nutrition education. 2062
 Special food service for summer. 2063
 The status of school foodservice: part I. 2066
 Stinging attack blasts school lunch programs. 2067
 The Federal School Lunch and Special Milk Program in Tennessee. 2075
 Texas mavericks reject federal subsidies. 2076
 Tom Farley's impossible dream. 2078
 Food service in private elementary and secondary schools. 2082
 Food service in public schools. 2083
 U.S. Jaycees resolve to back pilot universal program. 2096
 Waffles and syrup, anyone? 2097
 Wauwatosa Public Schools Lunch Program: a satellite system. 2098
 Why school lunch fails. 2103
 Why won't they eat? 2104
 Celery: the crunch kids like. 2119
 Prize peach creations. 2153
 Recipes on parade. 2160
 Help! - convenience food report Aug 1. 2235
 Market category: school lunch programs. 2319
 How to buy for school lunch. 2334
 The market for food in the nation's schools. 2355
SCHOOL SYSTEMS
 Education directory: elementary and secondary education. 2289
SCHOOLS
 Child malnutrition and its implications for schools. 113
 A budget form for use in the public schools of Arizona. 939
 Principles of public accounting. 987
 Vocational training answers manpower needs. 1303
 Standards for school media programs. 2201
SEAFOOD
 Microbiology of frozen cream--type pies, frozen cooked--peeled shrimp and dry food--grade Gelatin. 305
 A 24-hour method for the detection of coagulase-positive staphylococci in fish & shrimp. 621
 Gallus finds broad acceptance for international seafood specialities. 835
 The nautical way. 1595

Fish & seafood: where convenience spans the continents. 1848
 Fish-fondue/Nautilus cullinaris!. 2121
SEASONINGS
 Food, nutrition and diet therapy. 274
 The ease of working merchandising magic with mood food - new life for Jaded menus. 1415
 Seasoning secrets. 1510
 Spicing vegetables. 1513
 Stuffing and trussing a chicken (Film loop). 1516
 Monosodium glutamate: the myth and the matter. 1884
 Vive Espana!. 2179
SECONDARY EDUCATION
 ARA sells a 'rainbow' lunch. 47
 Breakfast and the bright life (Filmstrip/Record). 93
 Nutrition education guide. 154
 Food for health: calories (Film loop). 197
 Foods for teens: snacks that count (Show 'N Tell). 212
 Good food works for you (Show 'N Tell). 226
 Nutrition and elementary food science. 292
 Food for You. 302
 Health education guide. 310
 Food science and how it began. 334
 Search and research. 342
 Nutrition (Transparencies). 377
 Nutritional literacy of high school students. 422
 The Real talking, singing, action movie about nutrition (Motion picture). 467
 The world of food. 643
 State department of education policies. 754
 A proposed procedure of standardized accounting for the school lunch programs in Oklahoma. 916
 How we started students on successful foodservice careers. 1039
 Cartoon approach to nutrition education. 1049
 Status of curriculum development in the field of commercial food at the non-baccalaureate level. 1062
 Developing a hospitality program in high schools. 1063
 First foods. 1066
 Film and the media (P)evolution. 1089
 Food quality evaluation--a learning technique. 1097
 Kids run a restaurant drive-in style. 1145
 ESL English. 1147
 Teach nutrition with games. 1162
 Curriculum guide for food service occupations. 1206
 The development and evaluation of eight units of programmed instruction designed to teach basic nutrition. 1306
 Food for a modern world (Videocassette). 1852
 High school lunch program - a model for decision analysis. 1794
 Factors affecting student participation in selected Milwaukee, Wisconsin Catholic high school lunch programs. 2017
 Directory of films for data education. 2275
SECURITY
 Industrial security management. 848
 Security for business and industry. 849
 Security protection for foodservice. 950
 Six simple thefts: cases in internal control. 953
SELENIUM
 Selenium: the waddening mineral. 486
SEMINARS
 Materials and methods in nutrition education. 183
 Nutrition education and the related management processes. 306
 Nutrition education: Nutrition delivery systems and the management function. 372
 Innovative approaches to nutrition education and related management processes. 499
 Nutrition education in the school food service: challenge, change, and commitment. 592
 Introduction to the Seminar. 638
 Proceedings of the packaging legislation and regulations: current status and future prospects. 673

- An administrator's view of school food service. 752
 Innovative management for the expanding school food service program. 710
 Management functions for state and system level school and non school food service administrators. 958
 Management function of a centralized school food service system. 959
 New concepts in management. 960
 School food service financial management seminar for uniform accounting. 985
 Continuing education in nutrition-1970. 1071
 Goal setting. 1139
 Seminar evaluation plan (2) Reference list (3) Seminar participants. 1233
 Seminar projects and notes on program structure. 1234
 Symposium: Effects of processing, storage, and handling on nutrient retention in foods. 1946
- SERVING EQUIPMENT**
 Recommendations on coffee service. 1480
 Salad preparation (Film loop). 1503
 Conveyor system speeds service in central kitchen. 1555
 Functional merchandising with infrared warmers. 1578
 How to set a table/1972 fashions. 1590
 Is your kitchen obsolete? 1601
 Food service planning. 1606
 How to select and care for Serviceware: textiles, cleaning compounds. 1607
 Manual food and beverage dispensing equipment. 1617
 Commercial bulk milk dispensing equipment and accessories. 1618
 Vending machines for food and beverages. 1619
 Food service equipment and accessories. 1627
 New dimensions in aluminum disposables. 1634
 Quality food service must bridge the temperature gap between cooking and serving. 1655
 Hospital study of patient feeding on single service. 1664
 Systems support with key processing equipment. 1675
 Satelliteing in the suburbs. 2051
- SERVING TABLES**
 Fashions in table coverings. 1575
 How to set a table/1972 fashions. 1590
- SHELLFISH**
 But what are they among so many? An ancient food for a modern need. 627
 Fish and shellfish preparation (Film loop). 1824
 How to prepare and bread fish and seafood. 1459
 The art of fish cookery. 2152
 Seafood world. 2165
- SIMULATED FOODS**
 Notebook on soy: USDA answers questions about new foods. 1897
- SIMULATION**
 Budgeting, key to planning and control. 867
 Problem solving and conflict resolution. 925
 Nutrition implementation programs as communication systems. 1197
 Simulation of interpersonal relations. 1241
 The use of simulation techniques by preoperative home economics student teachers. 1299
 An automated simulation vehicle for school business administration accounting computerized selective school lunch and planning. 1362
- SMOKED BEEF PRODUCTS**
 Institutional meat purchase specifications for cured, dried, and smoked beef products--series 500. 740
- SMOKED FOODS**
 Gain menu prestige with pork. 1333
- SMOKED MEAT**
 Institutional meat purchase specifications for cured, dried and smoked, and fully cooked pork products--series 500. 741
- SNACKS**
 Foods for teens: snacks that count (Show's Tell). 712
 Food for you. 337
 New (nutrition) twist to an old game. 361
 Who turns the child "off" to nutrition. 607
 Peanuts: the first snack food. 653
 Facilities for development: pilot plant dedicated to snack food research. 1574
 Color measurement of foods: XXXII; miscellaneous: part II, potato products. 1806
 Deep-fried snack food prepared from soybeans and onions. 1819
 Extruded snack matched to nutritional needs, and marketed to school age consumers. 1843
 Shaped rice products offer promise as new "finger food". 1932
 Move means new--in school foodservice too!. 2032
 Nutrition is the school's business. 2035
 Texas lawmakers reject federal subsidies. 2076
- SOCIAL CONFORMITY**
 Nutrition and social dependency. 386
 Reaching significant publics: The state of the boy, 1971. 931
- SOCIAL CRISES**
 An anthropologist views the nutrition professions. 66
 ManPower report of the President. 2264
- SOCIOLOGY**
 Diet realign: a case study in the sociology of health. 142
 Food, science, and society. 401
 The three A's of change - Anticipating, Accounting, Actuating. 978
 Understanding the community social system. 958
 The changing role and form for packaging. 1802
- SODA FOUNTAINS**
 Soda fountain and luncheonette equipment. 1631
- SODIUM IONS**
 Assay of sodium ion content of frozen convenience foods. 1791
- SODIUM-RESTRICTED DIETS**
 Handbook of diet therapy. 531
 Gain menu prestige with pork. 1333
- SOFT DRINKS**
 Who turns the child "off" to nutrition. 607
 Clouding agents for the food industry. 1805
 Fortifying soft drinks with cheese whey protein. 1858
- SOUPS**
 A split pea special: a 1970 market report. 663
 All the hot soup they want. 753
 A Gallup overview: soup scans the "six meal a day" spectrum. 838
 Choices in our menus. 1327
 A bowlful of soupier combinations. 1387
 Fresh vegetable cookery...Stockli's "solendid fare". 1430
 Vegetarian cookery 2. 2116
 Cold outside? Serve these hearty bean's soups. 2122
 Soup: serve it with flair. 2166
- SOUTH CAROLINA**
 A study of the educational aspects of the School Lunch Program in South Carolina. 1166
- SOUTH PACIFIC**
 The price of civilization. 455
- SOUTHERN STATES**
 Basic data on metabolic patterns in 7- to 10-year-old girls in selected Southern states. 533
- SOYBEAN PRODUCTS**
 What is soy protein? 598
 Notebook on soy: Florida's questions on soy. 647
 Notebook on soy: textured vegetable protein. 648
 Engineered foods--The Place for oilseed proteins. 809
 Soy helps Skoklan's budget. 961
 What is the future of textured protein products? 1540
 The right way of textured vegetable protein. 1800
 Deep-fried snack food prepared from soybeans and onions. 1819
 Development aids: diverse product applications identified for unique flavored protein products. 1824
 Extrusion cooking of cereals and soybeans - part I. 1844
 Extrusion cooking of cereals and soybeans - part II. 1845
 The food processing front of the seventies. 1854
 Fortified foods: the next revolution. 1857
 The new foods and the markets that need them. 1889
 Notebook on soy: why 'engineered' foods at school. 1879
 Preparation and growth producing evaluation of a concentrated coprecipitate of soy-cheese whey protein. 1917
 Some things you might not know about the foods served to children. 1936
 Soy-whey-milk offers economic substitute for frozen whole milk concentrate. 1934
 Soybean milk - a low-methionine substitute for cow's milk for children and adults. 1939
 Substitute and synthetic foods with emphasis on soy protein. 1942
 Synthetics and substitutes for agricultural products. 1957
 An evaluation of the protein quality of a textured soybean product. 1961
 What are textured protein products? 1963
 A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1966
 Notebook on soy: how to use soy in recipes. 2154
- SPACE FEEDING**
 Nulligan stew: Count down 4-4-3-2 (Motion picture). 315
 Nulligan stew: Count down 4-4-3-2 (Video tape). 316
 Search and research. 342
 How your body uses food. 353
- SPACE UTILIZATION**
 Convenience food systems: vote "yes" on a convenience foods system? 794
 Storage specifics. 2362
- SPANISH AMERICANS**
 Nutrition education and the Spanish-speaking American. 390
- SPECIAL GROUPS, DIETS**
 Nutrition. 111
 A chink in our armor. 115
 Communicating with the consumer: nutrition for a good start. 121
 Progress in human nutrition: volume I. 291
 Nutrition and pregnancy. 385
 White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
 White House conference on food, nutrition and health: final report. 606
 Nutrition and diet therapy. 612
 3rd-agers - the new hedonists. 1008
- SPECIFICATIONS**
 Meat purchasing (Film loop). 26
 USDA gives specifications for textured vegetable protein products. 743
 Kitchen standards for the Board of Education of Baltimore County. 1556
 Cooking the modern way with stainless steel steam-jacketed kettles. 1580
 Facilities guide. 1644
 Equipment guide for preschool and school age child service institutions. 1679
 Planning the school food service facilities. 1681
 Containers. 1959
 Standards for school media programs. 2201
 School food purchasing guide. 2299
 Changes in purchasing, storage, delivery and utilization practices and procedures. (A panel presentation) Part I-Food. 2303
 Purchasing food for food service establishments. 2322
 Purchasing beef for food service establishments. 2327
 Food purchasing: study guide. 2344
 Guide for warehousing. 2351
- SPEECHES**
 The message is you. 1030
 At the threshold of attainment. 1974
 Effective technical speeches and sessions. 2246
 Communication: methods for all media. 2261
- SPICE**
 Spicing vegetables. 1513
- SPIRIT MASTERS**
 Kitchen tool school. 1305

--,--

PAGE 255

SPOILAGE

SPOILAGE

Are your menu prices high enough? 760
Freezing activities; temperature device
which warns of product mishandling.
1460

STANDARDIZED RECIPES

Menu planning for school lunch, August
11-14, 1969. 1175
Standardized menu planning. 1324
Menu planning for school lunch, August
11-14, 1969. 1345
Quantity cookery and food preparation.
1377
Practical cooking and baking for schools
and institutions. 1378
Food preparation: study course. 1414
Quantity food preparation and service.
1425
Food for 50. 1429
Measuring and tefasi cooking (Film
loop). 1452
A handbook on quantity food management.
1512
Standard food portions (Film loop).
1514
Quantity cookery. 1522
Food preparation for quality type A
lunches. 1532
Standardizing recipes for institutional
use. 2109
Interpreting a recipe (Transparencies).
2144
Cooking for small groups. 2171
Guides for writing and evaluating quan-
tity recipes for type A school lunches.
2175
Favorite quantity recipes for type A
school lunches. Vol. 2. 2177
A book of favorite recipes. 2180
Food buying guide and recipes. 2356

STAPHYLOCOCCAL FOOD POISONING

Staphylococcus food poisoning. 309
A 24-hour method for the detection of
coagulase-positive staphylococci in
fish & shrimp. 621
An outbreak of Staphylococcus intoxica-
tion (Motion picture). 1756
Staphylococcal control and the food
processor. 1779
The unwanted four: germs that cause
food poisoning (Filmstrip/Record).
1743

STARVATION

T.L.C. and the hungry child. 509
Attack on starvation. 535

STATE GOVERNMENT

Education in the States: nationwide
development since 1900. 645
State department of education policies.
754
Centralized food service systems-A
review. 772
Management needs better understanding
of food service potentials in planning
and using efficient food service facil-
ities. 862
An application of instructional develop-
ment in a state department of educa-
tion. 1024
Selection of policies for the local
lunch program in the public schools.
2011

STATE OFFICIALS

1972 Junior college directory. 2195

STATISTICAL DATA

How Americans use their dairy foods.
27
The lunch bunch study. 131
Enrichment and fortification of foods.
1966-70. 167
Newer knowledge of milk. 349
Nutritional review. 424
Basic data on metabolic patterns in 7-
to 10-year-old girls in selected South-
ern states. 533
Dietary levels of households in the
United States, spring 1965. 545
An evaluation of research in the United
States on human nutrition. 550
National School Lunch Program. 665
FF per capita consumption hits 72.9
lbs. a year. 315
The numbers game: uses and abuses of
managerial statistics. 934
Retail frozen food sales by state. 935
School lunches: a billion-dollar market
for food. 943
The diabetic professional in the labor
force. 1359
The non-high-school-graduate adult in
college and his success as predicted by
the tests of general educational devel-

opment. 1079

Nutrition knowledge and attitudes of
early elementary teachers. 1194
Lunch programs in the nation's schools.
2041
1972 Junior college directory. 2195
Characteristics of persons of Spanish
origin. 2213
Children of working mothers. 2215
Food use by the foodservice industry.
2230
The IFMA encyclopedia of the foodserv-
ice industry. 2243
Nutritional review. 2255
Conversion factors and technical data
for the food industry. 2259
Conversion factors and weights and
measures for agricultural commodities
and their products. 2282
Manpower report of the President. 2284
Eating and drinking places industry.
2286
Nursing homes and related health care
facilities. 2287
Education directory: elementary and
secondary education. 2249
Education in the seventies. 2292
Allied health education programs in
junior colleges/1970. 2293
Day care survey 1970. 2296
Textures vegetable proteins, fish pro-
tein concentrate, and microcrystalline
cellulose as extenders in meat loaves.
2335
Quantity guide. 2336
The market for food in the nation's
schools. 2355

STEAM TABLES

New dimensions in aluminum disposables.
1634

STEAMING

Food training routines II. 1143
Around the menu with steam cooking.
1344
Cook it with steam!. 1406
The case for the electric steam genera-
tors. 1561
How to get better service from your
steamer. 1587
How to relieve the chronic labor short-
age with electric steam cookers. 1549
Is your kitchen obsolete? 1599
Key component of operational sub-system
5: steam preparation equipment. 1605
New kitchen sophistication with elect-
ric steam cookers. 1637

STEWING

Braising and stewing (Film loop). 1344
Cooking a stew (Film loop). 1404
Preparing a stew (Film loop). 1494

STONE FRUITS

Hectarines. 43

STORAGE

Inspection, labeling, and care of meat
and poultry. 38
How to buy poultry. 40
Selection and care of fresh fruits and
vegetables: A consumer's guide. 44
Food science & technology, volume III.
254
Nutrition. 540
Family fare. 542
Food for groups of young children cared
for during the day. 546
Leader's handbook for a nutrition and
food course. 555
Food service manual for health care
institutions. 757
A guide to nutrition and food service
for nursing homes and homes for the
aged. 986
Introduction to professional food serv-
ice. 1053
Food service orientation (Film loop).
1102
Food handling and food service examina-
tions. 1149
Food procurement for school food serv-
ice. 1145
An overview of school food service.
1168
Hospital food handling (Film loop).
1446
Rice ideas for school lunch. 1499
A directory of systems capability.
1569
School lunch rooms. 1639
Planning the school food service facil-
ities. 1681
Hospital kitchen safety (Film loop).
1722
Food sanitation: study course. 1724

Quantity food sanitation. 1743
Sanitary storage and collection of
refuse (Motion picture). 1767
Serving food (Motion picture). 1775
Food-borne illness. 1744
Stability of gravies to freezing. 1940
The impact of school food service, its
value to education and its future.
2013
Quantity food purchasing guide. 2301
Fresh from the West. 2304
Effect of packaging on quality of dehy-
drated potato granules during storage.
2317
Food and beverage purchasing. 2318
Buying, handling and using fresh veget-
ables. 2332
Buying, handling and using fresh fru-
its. 2333
Potatoes made easy for school lunch.
2339
Guide for warehousing. 2351
Forward better tomatoes. 2354
Conserving nutrients in handling, stor-
ing and preparing fresh fruits and
vegetables. 2359
Storage specifics. 2362
Cold and freezer storage manual. 2364
You and your frozen-food distributor.
2365

STORAGE EQUIPMENT

Caring for coolers. 1560
Cooling it. 1567
The freezers that stay out in the cold.
1577
Food service equipment and appurtenan-
ces. 1627
Food service refrigerators and food
service storage freezers. 1632
New dimensions in aluminum disposables.
1634
Refrigeration, the 24-hour-a-day workh-
orse. 1657
Space needed for storing and cooling
commonly used foods. 1670
Sub-system 2: the status of storage.
1672
Walk-in cooling. 1682
The complete book of cooking equipment.
1647
Is your cold storage adequate? 2313
Storage specifics. 2362

STOVE HOODS

The role of range hoods in maintaining
residential air quality. 1659

STRAINS (INJURIES)

Kitchen safety: Preventing cuts and
strains (Motion picture). 1736

STREPTOCOCCAL INFECTIONS

The unwanted four: germs that cause
food poisoning (Filmstrip/Record).
1743

STRESS

Man as a patient. 290
Nutrition and stress (Slides). 347
Some interactions between nutrition and
stress. 496

STUDENT PARTICIPATION

Nutritional status of 9-, 10- and 11-
year-old public school children in
Iowa, Kansas, and Ohio. 439
What's wrong with school lunch? 602
National School Lunch Program. 665
Management aspects of school lunch
programs in Iowa. 665
Somewhere high school students' attitu-
des toward school lunch. 957
Dynamic "Think" sessions - Summary of
brainstorming groups. 1073
Nutrition education: Selecting and
organizing material for different age
groups. 1196
Relating school lunch and classroom
teaching. 1225
Student involvement in school food
service and nutrition programs. 1249
Advanced planning. 1323
Give them a choice. 1336
A survey of factors relating to the
prepackaged lunch system in selected
school districts. 1412
Choice makes the difference. 1943
Their daily bread. 1984
Acceptance of the school lunch program
in Kansas. 1992
If we had ham, we could have ham and
eggs - If we had eggs. 2005
How to start a breakfast program. 2010
Selection of policies for the local
lunch program in the public schools.
2011
Factors affecting student participation

- In selected Milwaukee, Wisconsin Catholic high school lunch programs. 2017
The Massachusetts school lunch nutritional study. 2023
A study of the effect of certain environmental factors on nutritive value and pupil participation in the school lunch. 2040
The Federal School Lunch and Special Milk Program in Tennessee. 2075
Lunch programs in the nation's schools. 2081
Food service in private elementary and secondary schools. 2082
Food service in public schools. 2083
Food service in the nation's schools: a preliminary report. 2084
- STUDENT TEACHERS**
The use of simulation techniques by prospective home economics student teachers. 1292
- STUDENTS**
Nutritional literacy of high school students. 422
Selling students. 951
Project feast puts it all together. 1220
Teaching successfully in industrial education. 1240
Type A—two different ways. 1364
Education in the seventies. 2292
- STUDY GUIDES**
Nutrition: a course for school food service personnel. 101
Nutrition and diet therapy. 610
Review of nutrition and diet therapy. 611
Management procedures and records. 767
Personnel assignment. 768
Work improvement. 769
A study guide for the food service supervisor. 1021
Food handling and food service examinations. 1149
This is your passport for food service worker. 1170
Training yourself for food service. 1188
Guide for course of study for cook (hotel and restaurant) (entry). 1259
Food service employees. 1261
Dietitian aides. 1262
Food service supervisor—school lunch manager. 1274
Advanced menu planning. 1323
Beginning menu planning. 1324
Cookery made simple. 1391
Quantity food preparation: a course for school food service. 1392
Food preparation: study course. 1414
Standardized manual for cooks. 1457
Sanitation for food service workers. 1761
American Home's Learn to cook book. 2135
Food purchasing: study guide. 2344
- STUFFINGS**
Stuffing and trussing a chicken (Film Loop). 1516
- SUGAR**
Sugars, acids, and flavor in fresh fruits. 1943
- SUGAR SUBSTITUTES**
Attitudes toward the ban on cyclamates. 1
Current saccharin actions place added stress on need for a non-nutritive sweetener. 1916
The current status of saccharin. 1817
Synthetic and substitutes for agricultural products. 1957
- SUMMER PROGRAMS**
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 727
Materials for use in special food service summer recreation training program, summer 1972—training site supervisors. 1284
Special food service program for children, summer programs. 1285
Materials for use in special food service summer recreation training program, summer 1972—training program sponsors. 1286
From Colorado: get the most out of summer feeding. 2038
L.A. kids get hot meals this summer, their grandparents get something, too. 2015
Operation bag lunch. 2041
School lunch in High Point: a community pride. 2055
School lunch in High Point: a community's pride. 2056
Special food service for summer. 2063
Summer feeding: East and West. 2070
Summer food service in Cincinnati. 2071
Summer food service in Portland. 2072
Summer programs offer "three squares". 2073
- SUMMER SCHOOLS**
Summer school-feeding program fills need in Hartford. 2074
- SUPERVISION**
Eye of the supervisor (Film Loop). 813
Eye of the supervisor (Motion Picture). 814
Profitable food service management through good supervision. 897
Profitable food service management through worker motivation. 901
A review: how supervisor's expectations affect trainee performance. 937
Elements of supervision. 963
The supervisor: Motivating through insight (Film Loop). 971
The Supervisor: motivating through insight (Motion Picture). 972
Manual for the education of the food service supervisor, part one of two-part series. 1023
Manual for the education of the food service supervisor—part one of two-part series. 1022
Developmental dialogues. 1067
An old standby that still works. 1204
Training surveys surveyed. 1271
Kitchen habits (Motion picture). 1732
- SUPERVISORS**
Eye of the supervisor (Film Loop). 813
Eye of the supervisor (Motion Picture). 814
The supervisor: Motivating through insight (Film Loop). 971
The Supervisor: motivating through insight (Motion Picture). 972
A practical guide for supervisory training and development. 1146
- SUPPLEMENTAL FEEDING PROGRAMS**
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 727
- SUPPLEMENTARY FEEDINGS**
Improving nutrition in less developed areas. 254
Observations on the use of a supplemental beverage. 435
Nutrition of a group of school children in Ohio with improved diets. 438
- SUPPLEMENTARY TEXTBOOKS**
How your body uses food. 353
- SURPLUS COMMODITIES**
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 728
Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
School food service: new laws can help you provide it. 947
School food service: twelve trends you should track. 945
Baking in the school lunch program. 1533
The contractor supplying a school food service package. 1935
Marketprobe: New business in school lunch. 2021
- SURVEYS**
Attitudes toward the ban on cyclamates. 1
Cost of raising a child. 14
Percent of income spent for food: estimates from national income and household survey data. 32
Focus on nutrition...You can't teach a hungry child. 2. 134
Fruit and vegetable acceptance by students—factors in acceptance and performance. 216
Industry focuses on malnutrition. 256
Iron deficiency in rural infants and children. 263
Nutrition education practices in elementary schools in Hawaii. 397
Nutrition-related health practices and opinions. 417
Nutritional literacy of high school students. 422
Nutritional status of 9-, 10- and 11-year-old public school children in Iowa, Kansas, and Ohio. 439
A report of Oklahoma food habits survey. 440
Preferred vitamin A, carotene, and total vitamin A activity in usual adult diets. 452
Seasonal variations in U.S. diets. 483
Survey of nutrition knowledge as a part of nutrition education. 507
Sustained behavioral change. 508
What school lunch is doing for undernutrition in Baltimore. 599
The wheel of health. 614
You can't teach a hungry child. 1 lunch survey. 619
Two nutritional labeling systems. 721
College accreditation policies for nontraditional education. 755
Breakfast breakthrough—a convenience cast goes international. 764
Consumer considerations: deep-fried foods. 787
FF per capita consumption hits 72.9 lbs. a year. 815
Favorite deep-fried fare. 817
Food use by the foodservice industry. 826
Gallup counts the calorie counters. 832
Gallup determines potato popularity. 833
Gallup examines the sauce scene. 834
Gallup finds broad acceptance for international seafood specialties. 835
Gallup measures popularity of international cuisine. 836
A Gallup overview of the changing customer—a Gallup symposium. 837
A Gallup overview: soup spans the "six real a day" spectrum. 838
Gallup pinpoints tastes for fresh citrus fruits. 839
Gallup survey—a case for vegetable variety. 840
Gallup survey—when everyone says "cheese!". 841
Gallup survey—the "take-out" marathon. 842
Gallup surveys the breakfast cereal bowl. 843
How patrons are lured to individual eating establishments. 852
Management aspects of school lunch programs in Iowa. 865
The nation's most desired desserts. 895
A proposed procedure of standardized accounting for the school lunch programs in Oklahoma. 916
Patrons speak out on menu presentations. 918
State directors cost out school meals. 966
Variety is vital to vegetable fare. 992
Young America dines out: how youth voted in '72. 1005
The dietetic professional in the labor force. 1069
Educators' attitudes toward nutrition education in Florida. 1080
Nutrition education survey: preliminary results. 1193
Problems and progress in nutrition education. 1215
Recruiting students: an unmet need. 1224
Training surveys surveyed. 1271
You. 1314
Equipment census: 1973 institutions/VFM report on age, type and status of food-service equipment. 1572
Gallup survey—have patrons accepted disposable—absolutely or conditionally? 1579
Single service systems: exclusive survey showing trends and attitudes towards foodservice disposable systems and permanent ware 1972. 1596
Single service: facts, not talk. 1666
The turned on table top. 1677
Consumer study shows preference for tomato paste in glass jars. 1810
Food for all school children? when? 2004
Factors affecting student participation in selected Milwaukee, Wisconsin Catholic high school lunch programs. 2017
The Massachusetts school lunch nutritional study. 2023
The status of school foodservice: part I. 2066
The success of the federal food assist-

SYNTHETIC FOODS

- ance programs. 2369
Food use by the foodservice industry. 2230
Selected list of reliable nutrition books (revised 1970). 2277
Eating and drinking places industry. 2266
Nursing needs and related health care facilities. 2267
Day care survey 1970. 2295
Day care survey 1970. 2296
- SYNTHETIC FOODS**
Communicating with the consumer: natural and synthetic nutrients. 5
Food: proteins for humans. 58
Tables of food composition: scope and needed research. 510
Modern dairy products. 640
Nutritional guidelines and the labeling of foods. 706
Engineered foods--The place for oilseed proteins. 409
School food service: twelve trends you should track. 943
Burger-type products from textured skaeleic curd. 1799
The right way of textured vegetable protein. 1800
Deep-fried snack food prepared from soybeans and onions. 1819
Exploit new product technology. 1840
Extruded snack etched to nutritional needs, and marketed to school age consumers. 1843
Finding the correct retail package to introduce an unbell-avable product. 1847
Foods of the future. 1855
Artificial and synthetic foods. 1847
New food products and food preparation techniques. 1888
The new foods and the markets that need them. 1889
New products from smaller companies. 1892
Non-dairy cheese - a unique reality. 1896
Notebook on soy: JSOA answers questions about new foods. 1897
Nutrification. 1701
Preparation and growth producing evaluation of a concentrate-coprecipitate of soy-cheese whey protein. 1917
Substitute and synthetic foods with emphasis on soy protein. 1942
Systematic generation of ideas for new foods. 1945
Synthetics and substitutes for agricultural products. 1957
What will we be eating tomorrow. 1964
A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1968
Textures vegetable protein, fish protein concentrate, and microcrystalline cellulose as extenders in meat loaves. 2335
Synthetic food. 2342
- SYSTEMS ANALYSIS**
Nutrition education: Nutrition delivery systems and the management function. 372
Computer-managed subsistence system. 745
The dynamics of systems dialogue. 806
Food service systems achievement at Pittsburgh national building. 825
How to apply systems analysis to your preparation/processing sub-system. 853
Is school lunch 25 years behind? 856
Managing change in food service operations. 853
The School Food Service System. 741
A system---What it is and what it does. 974
A system---What it is and what it does. (Part 2). 975
Application of a three-stage systems approach model for producing career awareness materials. 1027
An application of instructional development in a state department of education. 1028
Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1330
You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
Special foods & equipment for the food service industry. 1671

- A practical primer on essential sanitation concepts. 1754
Procurement programmed for profit. 2341
- SYSTEMS APPROACH**
The ideals concept---A systems approach to school food service problems. 857
- TABLE SETTINGS**
Setting the table (Film loop). 1237
Fashions in table coverings. 1575
How to set a table/1972 fashions. 1590
The turned on table top. 1677
- TAKE-OUT FOODS**
Gallus survey-the "take-out" marathon. 442
Finger food industry-new life for Jaded menus. 1422
- TASTE**
1969-1970 report. 404
Sensile nutrition. 408
Soy helps Skokie's budget. 961
- TASTE PANELS**
Food science & technology, volume III. 254
Laboratory handbook of methods of food analysis. 277
Sensory good taste. 449
Youngsters' taste test picks favorites. 1006
Identifying and controlling product quality attributes - using preference taste panels. 1064
Precooked turkey flavor and certain chemical changes caused by refrigeration and reheating. 1915
Quality evaluation of canned and freeze-dried applesauce. 1925
Sensory evaluation of breaded, deep-fried turnip slices. 1931
Peach bake-off. 2156
- TASTE SENSITIVITY**
Taste sensitivity and food aversions of teenagers. 512
- TASTE THRESHOLD**
Taste sensitivity and food aversions of teenagers. 512
- TAXES**
Don't overlook business-connected personal tax deductions. 404
Media units grow into service centers. 2248
- TEA**
Tea & coffee. 627
Hot beverage systems. 1581
Tea and coffee. 1946
- TEACHER AIDES**
Attitudes of aides and clients in the expanded nutrition program. 71
Nutrition education by nonprofessional aides. 391
How to push a good thing. 856
- TEACHER DEVELOPED MATERIALS**
Exploring local resources. 1087
- TEACHER EDUCATION**
Nutrition education practices in elementary schools in Hawaii. 397
Food. 406
Nutrition-staff training programs. 554
An application of instructional development in a state department of education. 1023
Audiovisual workshop. 1032
A casebook on administration and supervision in industrial-technical education. 1040
Developing a hospitality program in high schools. 1063
The effect of a nutrition education program at the second grade level. 1061
Toward better teaching of home economics. 1093
A foundation for in-service success. 1104
Innovations in nutrition education: programs and methods. 1125
Education and training for industry - volume I. 1127
Notes for a novice instructor. 1187
Nutrition knowledge and attitudes of early elementary teachers. 1198
Food preparation. 1278
Key nutrients. 1279
Food buying. 1280
Food and nutrition. 1281
Meal planning. 1282
Food needs of family members. 1293
What schools are doing. 2099
The innovative diffusion center: a potential concept to accelerate educational change. 2242

TEACHERS

- Educators' attitudes toward nutrition education in Florida. 1080
Project feast puts it all together. 1220
- TEACHING**
Teacher, there's an eggplant in the classroom. 513
You can't teach a hungry child. 1 lunch survey. 619
- TEACHING AIDS**
Nutrition education in the elementary schools. 312
Tools for teaching food needs. 524
Audio-visuals make employee training more effective. 1331
The calorie game. 1043
Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
Writing behavioral objectives. 1317
Choosing, using, and caring for kitchen cutlery. 1563
General teacher references. 2265
Secondary teaching materials and teacher references. 2266
Preschool, primary and intermediate teaching materials and teacher references. 2269
- TEACHING GUIDES**
Inspection, labeling, and care of nest and poultry. 38
Nutrition for athletes: A handbook for coaches. 60
Fun with food facts. 137
Teaching nutrition. 164
Food and nutrition education in the primary school. 187
A nutrition guidebook for elementary school teachers. 221
Focus on nutrition. 295
Health education guide. 310
Nutrition education in the elementary schools. 312
Food and care for dental health. 340
What did you have for breakfast this morning? 347
Taking milk apart. 351
Basic nutrition and menu planning. 370
Nutrition education practices in elementary schools in Hawaii. 397
Tools for teaching food needs. 528
Nutrition instructors guide for training leaders. 552
Nutrition education for young children. 553
Leader's handbook for a nutrition and food course. 555
Science in food and nutrition. 556
Teaching nutrition in the elementary schools. 565
Vitamins and the growing body. 581
School lunch and the curriculum. 591
Accounting practices for hotels, motels, and restaurants. 803
Promotion in food service. 874
A study guide for the food service supervisor. 1021
Nutritional awareness instruction series for classroom use. 1088
Instructor's outline for foundations of school food service. 1094
Foundation course. 1105
School food service management, short course I. 1133
It can be done. 1136
Techniques of main dish preparation. 1138
Food service: teachers guide. 1174
How to purchase for school lunch. 1177
Menu planning for school lunch, August 11-14, 1969. 1178
A food service supervisor's course on a college campus. 1180
Guide for training school lunch personnel. 1181
Food procurement for school food service. 1185
An overview of school food service. 1186
Oklahoma school lunch course of study. 1202
Basic menu planning. 1207
Health education - a conceptual approach. 1229
A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patient, for use in schools of nursing. 1235
Sue learns about the use of measurements in cooking. 1238

- Food service selling. 1260
 Training the food service worker (kit). 1272
 Food and nutrition: a problem-oriented approach. 1277
 Food Preparation. 1278
 Key nutrients. 1279
 Food buying. 1283
 Food and nutrition. 1281
 Meal planning. 1282
 Food needs of family members. 1283
 Cooks: a suggested guide for a training course. 1290
 Training food service personnel for the hospitality industry. 1292
 Elements of food production and baking. 1456
 Quantity food production management. 1476
 Salads and dressings (Transparencies). 1504
 Safety in the kitchen (Transparencies). 1765
 Parent involvement. 2336
 Food and beverage purchasing. 2318
- TEACHING METHODS**
 519 Ideas in nutrition education. 93
 Teaching nutrition. 158
 Modification of food habits. 313
 Predicting application of nutrition education. 451
 Survey of nutrition knowledge as a part of nutrition education. 507
 Nutrition education--1972. 547
 Audiovisual workshop. 1032
 Banquet and activity features. 1034
 Classroom communication: lecture. 1052
 Computer assisted instruction: a government viewpoint. 1055
 Computer-assisted instruction in home economics. 1056
 Computers in education: relevance for occupational education. 1057
 Cooking in the kindergarten. 1061
 Education for dietetics: the in-basket technique. 1077
 The effect of a nutrition education program at the second grade level. 1081
 Film and the media (Revolution). 1089
 Toward better teaching of home economics. 1093
 Food--life depends on it. 1103
 How to make classroom discussions work. 1118
 Innovative techniques for teaching nutrition. 1126
 Techniques for effective teaching. 1159
 Notes for a video instruction. 1187
 Curriculum guide for food service occupations. 1236
 Programmed instruction in basic nutrition for college students. 1215
 Teaching successfully in industrial education. 1240
 Teaching as changing behavior. 1254
 Teaching with computers. 1256
 The three R's help make good eating important. 1263
 Tools for nutrition education--some examples. 1266
 Make them ask: ask the right questions. 1304
- TEACHING TECHNIQUES**
 Materials and methods in nutrition education. 183
 A nutrition guidebook for elementary school teachers. 221
 Teaching the young child good eating habits for life. 311
 Doing better at work and play. 343
 Nutrition education for youth. 395
 Nutrition programs for senior citizens. 414
 Puppets sell good nutrition. 464
 Nutrition education research project - report of phase I. 532
 Nutrition instructors guide for training leaders. 552
 Leader's handbook for a nutrition and food course. 555
 School lunch and the curriculum. 591
 The message is you. 1030
 The calorie game. 1043
 Cartoon approach to nutrition education. 1049
 Changing food Start mothers' food attitudes and practices. 1050
 Status of curriculum development in the field of commercial food at the non-
- baccalaureate level. 1062
 Selected aptitudes of food service personnel participating in two methods of training. 1072
 Visual aids in nutrition education. 1095
 Food quality evaluation--a learning technique. 1097
 Food--life depends on it. 1103
 Foundation course. 1105
 Getting participation in films. 1106
 How to make classroom discussions work. 1118
 Improving the nonverbal dimension of communication. 1123
 Innovative techniques for teaching nutrition. 1126
 The message is you. 1156
 The message is you - guidelines for preparing presentations: part three. 1157
 The message is you, part II. 1158
 The art of listening. 1165
 Techniques for effective teaching. 1169
 Prediction of student performance through pretesting in food and nutrition. 1214
 Puppets are effective teachers. 1221
 Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
 A systematic training and teaching program. 1253
 A tool to get people to be relevant. 1265
 The use of simulation techniques by prospective home economics student teachers. 1299
 Make them ask: ask the right questions. 1304
 What filmstrips can do for you lately. 1308
 Instructional materials. 1312
- TECHNOLOGY**
 The Patent Office. 639
 Food science and technology. 655
 Development of a central commissary in industry. 802
 St. Luke's & the computer. 964
 Education and training for industry - volume I. 1127
 The changing role and form for packaging. 1802
 Directions '73. 1830
 Learning resources: AV or library? 2245
- TELEVIEWED INSTRUCTION**
 Basic nutrition and menu planning. 370
 Your assignment, should you decide to accept it.... 620
 So much, for so many, for so little. 1243
 The video cassette, October 72. 1301
 Instructional television facilities. 1314
- TELEVISION**
 Can you compete against the \$50,000 minute? 770
- TENDERIZERS**
 Enzymes in food processing and products. 1972. 1966
- TENNESSEE**
 The Federal School Lunch and Special Milk Program in Tennessee. 2075
- TESTING**
 Exercise testing and training of apparently healthy individuals: a handbook for physicians. 62
 Nutritional literacy of high school students. 422
 Sensory good tests. 469
 Improvement of personnel through testing: interviewing, orienting, training and evaluating - part 2. 1024
 Selected aptitudes of food service personnel participating in two methods of training. 1072
 The effect of a nutrition education program at the second grade level. 1081
 Exemption of students for first courses in food and nutrition. 1085
 Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
 Influence of nutrition education on fourth and fifth graders. 1124
 Analysis of tests used to evaluate a training program for food service personnel. 1141
- Development of an instrument to evaluate the effect of a school lunch training program. 1148
 Retention of learning two years after an experimental training program for food service personnel. 1159
 Some aspects of an experimental training program for food service personnel. 1182
 Training guide. 1189
 Testing packaging films. 1949
- TESTS**
 Back-to-schoolers earn diplomas. 1033
 Intern develops cook-helper test. 1130
- TEXAS**
 Action on teenage nutrition. 50
 Feed use and potential nutritional level of 1,225 Texas families. 519
 Break for the "lunch bus". 1976
 School system implementation: Texas style. 2059
- TEXTBOOKS**
 Nutrition and physical fitness. 97
 Nutrition. 111
 Food science. 112
 Introduction to nutrition. 182
 Nutrition: behavior and change. 225
 Basic nutrition in health and disease including selection and care of food. 248
 Nutrition and elementary food science. 292
 Nutrition in action. 293
 Basic nutrition and diet therapy. 476
 Introduction to foods and nutrition. 503
 Nutrition and diet therapy. 612
 The world of food. 643
 Accounting practices for hotels, motels, and restaurants. 403
 Principles of management. 472
 Science of home economics and institutional management. 933
 Food service in institutions. 997
 A casebook on administration and supervision in industrial--technical education. 1040
 First foods. 1066
 Toward better teaching of home economics. 1093
 Menu planning. 1334
 Meal management. 1342
 Food preparation. 1382
 Sanitary techniques in food service. 1742
- TEXTILES**
 Textiles updated for today's dietitian. 1676
 Foodservice trends to on-premise laundries. 1715
- TEXTURED VEGETABLE PROTEINS**
 Animal protein--keystone of foods. 65
 Statement of Walter A. Conant, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
 Textured vegetable protein (TVP). 520
 Textured vegetable protein...solution to institutional dietary problems? 521
 What is soy protein? 598
 Notebook on soy: Florida's questions on soy. 647
 Notebook on soy: textured vegetable protein. 648
 Notebook on soy: what's and why's of textured vegetable protein. 649
 USDA gives specifications for textured vegetable protein products. 743
 Engineered foods--The place for oilseed proteins. 809
 Soy helps Skokie's budget. 961
 Stretch 'n substitute. 1361
 What is the future of textured protein products? 1540
 The right way of textured vegetable protein. 1800
 Development aids: diverse product applications identified for unique flavored protein products. 1824
 Development aids: flavored, colored apple places offer route of distinction: school lunch entree formulations offered. 1825
 The food processing front of the seventies. 1854
 Meat cattle chosen first product to gain nutritional, textural advantages of new protein fiber. 1874
 The new foods and the markets that need them. 1889

THEFT

- Notebook on soy: why "engineered" foods at school. 1899
- Nutrition upgraded, final texture controlled using new structured protein fiber. 1933
- Protein concentrates and cellulose as additives in meat loaves. 1922
- Protein products: analogs of favorite food forms. 1924
- Some things you might not know about the foods served to children. 1936
- Textured proteins can solve the nutrition-dollar dilemma. 1950
- Synthetics and substitutes for agricultural products. 1957
- An evaluation of the protein quality of a textured soybean product. 1951
- What are textured protein products? 1963
- A comparative study of the organoleptic acceptability of simulated meat products prepared in microwave and conventional ovens. 1968
- Development of: recipes for replacing ground meat and poultry in school lunch items. 2125
- Notebook on soy: how to use soy in recipes. 2154
- Notebook on soy: textured vegetable protein product fact sheet. 2254
- Textured vegetable protein, fish protein concentrates, and microcrystalline cellulose as extenders in meat loaves. 2335
- THEFT**
- Preventing employee theft (Film Loop). 924
- Security protection for foodservice. 950
- THERAPEUTIC AND SPECIAL DIETS**
- All calories don't count - percepts. 56
- Nutrition/cardiovascular reviews. 1970-1971. 53
- Vitamin E: your key to a healthy heart. 72
- Nutrition: a comprehensive treatise. 83
- Dietetic foods. 90
- Your heart has nine lives. 95
- Nutrition and physical fitness. 97
- A chink in our armor. 115
- Diet healing: a case study in the sociology of health. 142
- Diet: the realities of obesity and fat diets. 144
- Basic nutrition in health and disease including selection and care of food. 248
- Food, nutrition and diet therapy. 274
- Nutrition and elementary food science. 292
- Metabolic effects of meal frequency on normal young men. 304
- Mulligan stew: the racer that lost his edge (Motion picture). 324
- Mulligan stew: the racer that lost his edge (Video tape) I. 325
- Nutrition and handicapped children. 381
- Obesity - new happenings. 433
- Vitamin C and the common cold. 446
- Responses of children with phenylketonuria to dietary treatment. 472
- Basic nutrition and diet therapy. 476
- The teenage obesity problem - why? - part two. 515
- Handbook of diet therapy. 531
- Weight control of children with Prader-Willi syndrome. 590
- Nutrition and diet therapy. 610
- Review of nutrition and diet therapy. 611
- Nutrition and diet therapy. 612
- A study guide for the food service supervisor. 1321
- Continuing education in nutrition-1970. 1071
- A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patient, for use in schools of nursing. 1235
- Nursing home menu planning. Food purchasing and management. 1372
- Soybean milk - a low-methionine substitute for cow's milk for children and adults. 1939
- THERAPEUTIC DIETS**
- Man as a patient. 290
- A study of the need for dietary counseling services for the physician. 505

THERMOMETERS (MEAT)

- Roasting (Film Loop). 1501
- THIAMIN**
- The vitamins. 484
- Thiamin and riboflavin in cooked and frozen, reheated turkey - Bas vs. microwave ovens. 523
- Thiamin content and retention in venison. 524
- Thiamine and riboflavin retention in cooked variety meats. 525
- TIME/MOTION STUDIES**
- Man-machine productivity of dishwashing operations in hospitals. 880
- TOBACCO**
- Cigarette smoking and vitamin C. 118
- The disease of living. 152
- Positioning a product for the special market. 1913
- TOMATOES**
- The shady, saucy tomato. 660
- New to the convenience roster: canned crushed tomato. 1893
- Tomato solids in baked products. 1952
- Toward better tomatoes. 2358
- TOXIC ANIMALS**
- Advances in food research: volume 18. 51
- TOXICANCES**
- Responsibility of dietitians for providing information about food: it's wholeness and nutritional value. 473
- Looking at nutrition 12 ways. 571
- The safety of foods. 1760
- Food-borne illness. 1784
- Evaluating the safety of food chemicals. 1886
- TOXICITY**
- Communicating with the consumer: safety of food supply. 7
- Fact and fancy in nutrition and food science - chemical residues in foods. 175
- Selenium: the maddening mineral. 486
- Trace elements in human and animal nutrition. 567
- Current saccharin actions place added stress on need for a non-nutritive sweetener. 1816
- The current status of saccharin. 1817
- Nitrites and nitrates in food. 1895
- TRACE ELEMENTS**
- Nutrition. 111
- Selenium: the maddening mineral. 486
- Trace minerals in type A school lunches. 529
- Trace elements in human and animal nutrition. 567
- Toward the new. 2353
- TRAINING**
- Concepts of food habits of "other" ethnic groups. 125
- Convenience food systems: vote "yes" on a convenience foods system? 794
- A study of career ladders and manpower development for non-management personnel in the food service industry. 795
- Management of food service. 820
- Increasing employee productivity and reducing turnover. 861
- Making caterer's work. 879
- Optimizing our human resources. 912
- Reducing turnover: Start on employee's first day. 932
- A review: how supervisor's expectations affect trainee performance. 937
- AV decision model. 1012
- School lunch worker other than director or supervisor. 1025
- And then there were 171. 1026
- Audio-visuals make employee training more effective. 1031
- Basics of adult motivation. 1035
- A preliminary investigation of the effectiveness of program-based instruction in teaching sanitation to non-professional food service employees. 1048
- College joins school foodservice in training workers. 1054
- Developmental dialogue. 1067
- Evaluating training expenditures. 1083
- Getting participation in films. 1106
- Help wanted: career ladders turn dead-end jobs into career opportunities. 1111
- Hospital cooks correspondence course (an in-service training plan) 1969. 1113
- How professional are you? 1115
- HOW TO GET IT DONE. 1116
- How to get OJT started on the right foot. 1117

- How to organize training information. 1119
- How to train a fry chef. 1120
- Human relations training - new value from a malleable technique. 1121
- Education and training for industry - volume 1. 1127
- Notes for a novice instructor. 1187
- Ohio training researched. 1199
- An old standby that still works. 1204
- A partnership in evaluation - a case study in evaluation of a managerial training program. 1211
- Planning training activity. 1213
- Satisfying MH students' appetites and needs. 1228
- So you want to get ahead? 1245
- A reference guide for evaluation of school lunch training. 1247
- Subjective evaluation of an experimental training program for food service personnel. 1250
- Teaching with computers. 1256
- Team supervision. 1257
- To hand out or not to hand out. 1264
- A tool to get people to be relevant. 1265
- Train 'em or lose money. 1267
- Training can be professional. 1268
- Training department becomes an income producer. 1269
- Training makes Frisch a growing Big Boy. 1270
- Training surveys surveyed. 1271
- Training the handicapped. 1273
- Materials for use in special feed service summer recreation training program. summer 1972 - training site supervisors. 1284
- Materials for use in special feed service summer recreation training program. Summer 1972 - training program sponsors. 1286
- Community action: the nonprofessional in the educational system. 1288
- Undergraduate training in nutritional science. 1298
- Vocational training answers manpower needs. 1303
- Wake them up: ask the right questions. 1304
- What filmstrips can do for you lately. 1308
- When, how and why to use training consultants. 1309
- Planned merchandising sells wine for Red Coaches. 1486
- Simple training plan cuts accidents. 1776
- The Alaskan way. 1971
- How to lay your hands on information. 2238
- Training consultants. 2278
- TRAYS, SERVING**
- Intern researches disposable trays. 1597
- TUNA**
- Tuna. 530
- Women's Day encyclopedia of cookery, vol. 12. 2186
- TURKEY**
- Turkey time saver. 1523
- Precooking and reheating of turkey. 1916
- Turkey roulades present year 'round serving idea for seasonal fowl. 1953
- TURKEY (COUNTRY)**
- Flavor secrets from foreign lands: Turkey. 2138
- TYPE A LUNCH**
- California states its position. 102
- Statement of Walter A. Compton, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
- Nutrition education guide. 158
- Lipid components of type A school lunches. 281
- Basic principles of nutrition. 283
- Major mineral elements in Type A school lunches. 285
- Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
- Nutrition and school food service, state of New Mexico. 365
- Nutrition and the Type A lunch. 388
- Nutrition for Head Start. 398
- The school lunch - a component of educational programs. 481

- Trace minerals in type A school lunch. 529
 What's wrong with school lunch? 602
 Yorktown students don't jump for junk. 616
 You can't teach a hungry child. 1 lunch survey. 619
 Meal requirements for lunch programs offer flexibility. 697
 USDA gives specifications for textured vegetable protein products. 743
 How much do they want? 850
 School food service: twelve trends you should track. 945
 Small day care centers look as giant market for frozen prepared lunches. 954
 School food service management development program: Manual, advanced course. 1001
 Wise up--go modern--cut out a la carte and cut costs. 1302
 Youngsters' taste test picks favorites. 1006
 School food service management. 1132
 Techniques of main dish preparation. 1138
 Techniques of main dish preparation. 1139
 Techniques in the preparation of fruits and vegetables. 1140
 Menu planning for school lunch, August 11-14, 1969. 1173
 Basic menu planning. 1207
 Basic menu planning. 1208
 School food service management development program: Manual, intermediate course. 1313
 Add 'canned' inspiration to school lunches. 1319
 Beginning menu planning. 1324
 Menu planning. 1334
 Kansas school lunch menu planning book, 1971-72. 1341
 Menu planning for school lunch, August 11-14, 1969. 1345
 Better school lunches in Oklahoma. 1351
 Menu planning book. 1352
 Points for planning Type A lunches. 1355
 School lunch on-line in Kansas. 1357
 Seven choices for lunch. 1359
 Should milkshakes have a place in the type A lunch? 1350
 Stretch 'n substitute. 1361
 An automated simulation vehicle for school business administration accounting computerized selective school lunch menu planning. 1362
 Type A--two different ways. 1364
 A menu planning guide for Type A school lunches. 1366
 Handbook of twenty consecutive menus as submitted by Utah districts. 1367
 Akron schools get A for achievement with frozen type A lunches. 1376
 Quantity cooking and food preparation. 1377
 Quantity cooking. 1383
 Convenience--to use or not to use? 1405
 Efficiency escalation in school lunch programs. 1415
 Hot lunches are within easy reach. 1446
 Selling Brussels sprouts to students. 1511
 Food preparation for Quality Type A lunches. 1532
 What's and why of cup-can. 1542
 New look at Old Orchard. 1638
 Philadelphia hot lunch program: a model for low-budget schools. 1650
 Development aids: flavored, colored apple pieces offer route of distinction school lunch entree formulations offered. 1825
 'Meat and potatoes' and tacos, too!. 1969
 The Alaskan way. 1971
 As others see us. 1973
 Choices makes the difference. 1953
 Feeding the elderly: the baby of school lunch. 2000
 How the District feeds its kids. 2009
 Marketprobe: New business in school lunch. 2021
 Move means new--in school foodservice too!. 2232
 Nutrition awareness in the USDA. 2034
 A study of the effect of certain environment factors on nutritive value and pupil participation in the school lunch. 2040
 Operation bag lunch. 2041
 Reaching the hard-to-reach schools. 2049
 Special food service for summer. 2063
 Texas mavericks reject federal subsidies. 2076
 Development aids: recipes for replacing ground meat and poultry in school lunch items. 2126
 Notebook on why: how to use say in recipes. 2134
 Put egg in your pizza. 2159
 Salad spectacular tempting type A's. 2164
 Guides for writing and evaluating quantity recipes for Type A school lunches. 2175
 Favorite quantity recipes for type A school lunches, vol. 2. 2177
 A book of favorite recipes. 2180
 Quantity guide. 2336
 Toward the new. 2333
U.S. DEPT. OF AGRICULTURE
 The expanded food and nutrition education program. 171
 What is USDA doing about nutrition education? 396
 The government's role in quality assurance. 669
 The relationship of Federal agencies to food science programs at the universities. 1226
 Breakfast program in schools receives wide acceptance. 1978
 Evaluation of USDA food Programs. 1995
 L.A. kids get hot meals this summer: their grandparents get something, too. 2018
 Nutrition awareness in the USDA. 2034
 School lunch in High Point: a community's pride. 2356
 Special food service for summer. 2063
 The status of school foodservice: part 1. 2366
 The success of the federal food assistance programs. 2069
 National Data Center for Food Composition. 2251
 Tables of food composition: Availability, uses, and limitations. 2272
 Meat purchasing. 2329
UNIT PRICING
 Unit pricing and open dating. 42
UNITED NATIONS
 Research resources: volume 2. 2247
UNITED STATES
 Industry focuses on malnutrition. 236
 The irony of affluence--adult nutrition problems and programs. 267
 Supplemental protein: does the U.S. diet really need it? 536
 Tocopherols and fatty acids in American diets - the recommended allowance for vitamin E. 527
 Nutrition education--1972 hearings, Ninety-Second Congress, second session. 549
 Continuing education conferences. 1059
 Food science program. 1100
 Characteristics of Parsons of Spanish origin. 2213
 Educational attainment of U.S. population. 2225
 Population growth and America's future. 2260
UNIVERSITIES
 Proceedings of a symposium: nutrition education at the undergraduate and master's degree level. 1217
 The college blue book. 2217
 University of Colorado Libraries programmed textbook. 2218
URBAN AREAS
 Establishing central school lunch kitchens in urban areas. 1527
URBAN INFLUENCES
 Food and nutrient intake of individuals in the United States: spring 1965. 534
 Dietary levels of households in the United States, spring 1965. 545
 The urban avalanche and child nutrition - I. Impact during the industrial revolution and now. 573
URBANIZATION
 The urban avalanche and child nutrition - I. Impact during the industrial revolution and now. 573
 Current demands of the School Food Service System. 1987
URINE ANALYSIS
 Nutritional status of Negro preschool children in Mississippi - evaluation of HDP Index. 425
USDA FOOD AND NUTRITION SERVICE
 USDA gives specifications for textured vegetable protein products. 743
 The right way of textured vegetable protein. 1800
 Federal funds for daycare projects. 2087
 Nutritive values of foods distributed under USDA food assistance programs. 2256
 Food makes the difference!. 2283
USSR
 Flavor secrets from foreign lands: Russia. 2136
UTAH
 Dietary studies of northern Utah pre-adolescent and adolescent children. 574
UTENSILS
 Of (lens) pots and pans. 437
 Feeding the child with a handaxe. 562
 Setting the table (Film loop). 1237
 Techniques of food measurement (Motion picture). 1518
 All about knives (Filmstrip). 1552
 Gallus survey - have patrons accepted disposables - absolutely or conditionally? 1579
 Single service systems: exclusive survey showing trends and attitudes towards foodservice disposable systems and permanent ware 1972. 1596
 Food service planning. 1606
 Miscellaneous small equipment (Film loop). 1610
 Household equipment. 1649
 Single service ware and today's consumer. 1665
 Single service: facts, not talk. 1666
 Single service: the creative plus. 1667
 The turned on table top. 1677
 Cleanliness and safety (Film loop). 1701
UTILITIES
 Simulation is the name of the game. 35
VALUE SYSTEM
 The development of three instruments to assess forces behind food habits and methods of change. 75
VEAL
 Institutional meat purchase specifications for fresh veal and calf--series 300. 742
 Veal Cordon Bleu a la modern. 2178
 Woman's Day encyclopedia of cookery, vol. 12. 2186
 Meat buyer's guide to portion control meat cuts. 2330
VEGETABLE FATS
 Considerations in formulating and producing vegetable fat--based dairy substitutes. 1809
VEGETABLE OILS
 Synthetics and substitutes for agricultural products. 1957
VEGETABLES
 Selection and care of fresh fruits and vegetables: A consumer's guide. 44
 Basic values in nutrition; part II: vegetable-fruit group (Transparencies). 79
 Education increases consumption of vegetables by children. 159
 Effect of storage and other variables on composition of frozen broccoli. 162
 Food acceptance and nutrient intake of preschool children. 189
 Food purchasing practices of young families. 207
 Fruit and vegetable acceptance by students - factors in acceptance and performance. 216
 Modification of vegetable-eating behavior in preschool children. 314
 Mulligan stew: The great nutrition turn on (Motion picture). 323
 Mulligan stew: the great nutrition turn on (Videocassette). 326
 On-target snails: action for health (Filmstrip). 442
 Teacher, there's an eggplant in the classroom. 513
 Family fare. 542
 Jane and Jimmy learn about fresh fruits and vegetables. 569
 How the fresh fruit and vegetable marketing system contributes to optimum

VEGETARIAN DIETS

- nutrition. 577
- Dry onions. 665
- Gallup survey - a case for vegetable variety. 840
- Variety is vital to vegetable fare. 992
- School food service management. 1131
- Techniques in the preparation of fruits and vegetables. 1143
- Oklahoma school lunch course of study. 1202
- Vegetables: varieties, grades and uses for a more profitable menu. 1265
- Quantity cooking and food presentation. 1377
- Fresh vegetable cookery...Stockli's "Blondie fare". 1430
- From the Great Midwest. 1431
- New foods for the fry kettle. 1473
- Salads and vegetables. 1478
- Salad preparation (Film loop). 1531
- Selling Brussels sprouts to students. 1511
- Slicing vegetables. 1513
- Vegetable cookery (Film loop). 1534
- Vegetable preparation (Film loop). 1535
- Wholes and ways of cucumbers. 1542
- The microbiology of frozen vegetables. 1745
- Effect of processing on provitamin A in vegetables. 1835
- Finding the correct retail package to introduce an unobtainable product. 1847
- Micro-wave vs. conventional cooking of vegetables at high altitudes. 1881
- Containers. 1953
- Feeding the elderly, the baby of school lunch. 2003
- Cherry: the cherry kids like. 2119
- Woman's Day encyclopedia of cookery, vol. 12. 2186
- Rams brighten winter lunches. 2194
- Nutritive value of fruits and vegetables. 2253
- 'Quality first' at Texas A&M. 2298
- Fruit from the west. 2308
- Using storage in food service establishments. 2323
- Purchasing canned fruits and vegetables for food service establishments. 2325
- Buying, handling and using fresh vegetables. 2332
- Handling, transportation and storage of fruits and vegetables. 2365
- Storage of fresh broccoli and green beans - effect of ascorbic acid, sugar, and total acids. 2347
- When you advertise fresh fruits and vegetables. 2357
- Conserving nutrients in handling, storing and preparing fresh fruits and vegetables. 2359
- VEGETARIAN DIETS**
- The new vegetarians: who are they? 356
- Nutrition education for the "new" generation. 374
- Vegetarian cookery 1. 2113
- Vegetarian cookery 1. 2114
- Vegetarian cookery 4. 2115
- Vegetarian cookery 2. 2116
- Vegetarian cookery 5. 2206
- VENDING MACHINES**
- Tea & coffee. 577
- Vending cafeteria foods to suit by service employees. 993
- Vending machines for food and beverages. 1317
- Factors affecting student participation in selected fitness, disconsist Catholic high school lunch programs. 2017
- VENISON**
- Iron content and retention in venison. 524
- VENTILATION**
- The ABC's of make-up air. 1547
- Commercial cooking equipment exhaust systems. 1522
- Air curtains for entrances in food establishments. 1625
- VITA-PAK**
- The Baltimore school lunch story. 1975
- VITAMIN A**
- Blood serum vitamin A and carotene studies of preadolescent children. 282
- Soot vitamin A with color charts. 500
- Effect of processing on provitamin A in vegetables. 1835
- Food composition tables for use in the Middle East. 2253

- VITAMIN B COMPLEX**
- Pantothenic acid, vitamin B6, and vitamin B12 in foods. 543
- Yogurt: is it truly Adelle's B vitamin? 615
- VITAMIN B12**
- Pantothenic acid, vitamin B6, and vitamin B12 in foods. 533
- VITAMIN DEFICIENCIES**
- Cigarette smoking and vitamin C. 113
- VITAMIN E**
- Vitamin E: your key to a healthy heart. 72
- The vitamins. 484
- Tocopherol and fatty acids in American diets - the recommended allowance for vitamin E. 527
- Vitamin E and heart disease. 579
- Vitamin E as a biological antioxidant. 560
- VITAMIN EQUIVALENTS**
- Vitamins from food (Motion picture). 584
- Vitamins from food (Videocassette). 585
- VITAMINS**
- Nutrition II. 69
- Dietetic foods. 90
- Statement of Walter A. Cowton, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
- Effect of microwave heating on vitamin B6 retention in chicken. 161
- Folic acid in wheat and selected foods. 186
- Functions and interrelationships of vitamins. 219
- Good food works for you (Show n' Tell). 226
- The great vitamin mystery. 337
- Olympic athletes view vitamins and victories. 441
- Perspective on vitamins. 443
- Preformed vitamin A, carotene, and total vitamin A activity in usual adult diets. 452
- The vitamins. 484
- Food and nutrition. 485
- Tocopherols and fatty acids in American diets - the recommended allowance for vitamin E. 527
- Vitamin A and iron: infants' diets in Israel. 578
- Vitamins and the growing body. 581
- Vitamins (Film loop). 582
- Vitamins and body structure. 583
- Vitamins from food (Motion picture). 584
- Vitamins from food (Videocassette). 585
- But what are they among so many? An ancient food for a modern need. 629
- Legal developments: FDA releases labeling regulations. 695
- Vitamins and you (Filmstrip). 1302
- Recent developments in the vitamin chemistry of bread---history pertinent to you. 1926
- CARE strikes back at world's malnutrition. 1979
- Food values and calorie charts. 2271
- Synthetic food. 2342
- VOCABULARY**
- Puerto Rican foods and traditions. 126
- What do we mean by "nutrition"? 593
- The words we use. 613
- A sensational sausage system that sells. 659
- Fresh beef ads and product names. 831
- How to organize training information. 1119
- The components of communication. 1311
- Handbook of food preparation. 1360
- Quantity cooking. 1363
- The names in the cooking game (Filmstrip). 1469
- Handbook of household equipment terminology. 2200
- Dictionary of nutrition and food technology. 2204
- Food & menu dictionary. 2223
- Food composition table for use in Africa. 2227
- Foodservice lexicon. 2231
- Gancsi's culinary encyclopedia of modern cooking. 2233
- Larousse Gastronomique. 2250
- A guide to nutrition terminology for indexing and retrieval. 2276

- VOCATIONAL COUNSELING**
- Community action for employment: manpower development. 2094
- VOCATIONAL DEVELOPMENT**
- The art of motivating. 891
- The smile of success: service with a smile. 1300
- Community action: health programs. 2093
- Community action for employment: manpower development. 2094
- VOCATIONAL EDUCATION**
- Food science. 362
- Food service in industry and institutions. 970
- All benefit from handicaps' training. 1014
- Guidelines for hospitality education in junior colleges. 1015
- Opportunities for educational and vocational advancement. 1016
- A guide to the evaluation of educational experiences in the armed services. 1017
- Application of a three-stage systems approach model for producing career awareness materials. 1027
- How we started students on successful foodservice careers. 1039
- A casebook on administration and supervision in industrial-technical education. 1040
- Computers in education: relevance for occupational education. 1057
- Status of curriculum development in the field of commercial food at the non-baccalaureate level. 1062
- Dietetic training '73. 1070
- Review and analysis of curricula for occupations in food processing and distribution. 1074
- Education for dietetics: the in-basket technique. 1077
- Cooking for food managers--a laboratory text. 1110
- Home study courses for food service employees - an Iowa program. 1112
- Hospital cooks correspondence course (an in-service training plan) 1969. 1113
- Education and training for industry - volume I. 1127
- Integrating nutrition into the nursing curriculum. 1129
- Bases for vocational education for food service industry employees. 1134
- Analysis of tests used to evaluate a training program for food service personnel. 1141
- Kids run a restaurant drive-in style. 1145
- A practical guide for supervisory training and development. 1146
- New directions in community junior college programs - new students; new faculty. 1172
- Food service teachers guide. 1174
- Commercial foods. 1175
- Guide for training school lunch personnel. 1181
- Food preparation specialist. 1183
- Food service management. 1184
- An old standby that still works. 1204
- Curriculum guide for food service occupation. 1206
- Curriculum guide for food service instructional programs in Pennsylvania. 1212
- Schooling the food service executives of tomorrow. 1230
- Teaching successfully in industrial education. 1240
- Guide for course of study for cook (hotel and restaurant) (entry). 1259
- Food service selling. 1260
- Training can be professional. 1265
- Cooks: a suggested guide for a training course. 1290
- Food processing technology. 1291
- Quantity food preparation: A suggested guide. 1293
- A post-high school program in child care services. 1294
- Learning for learning: new opportunities for paycheck education. 1295
- Simolified manual for cooks. 1467
- American junior colleges. 2197
- The college blue book. 2217
- Materials for occupational education. 2263
- Allied health education programs in junior colleges/1970. 2293

- VOLUNTEERS**
You can help fight hunger in America. 2049
Child nutrition programs. 2030
You can help fight hunger in America. 2042
- WAGES**
The evolving payboard regulations. 810
Nursing homes and related health care facilities. 2287
- WAREHOUSING**
Guide for warehousing. 2351
- WASHING MACHINES**
Foodservice trends to or-er-er-nise laundries. 1715
- WASHINGTON (STATE)**
Dietary levels for tri-city elementary school children. 41
- WASTE DISPOSAL**
The trend is to waste compactors. 1645
Systems support with key processing equipment. 1575
Plant operation: how to squeeze the most from trash compactors. 1757
Sanitary storage and collection of refuse (Motion picture). 1767
- WATER**
Detergents and our water. 15
Nutrition II. 67
Contribution of hard water to calcium and magnesium intakes of adults. 128
Water metabolism (Slides). 585
Water: the indispensable nutrient. 587
The technical microbiological problems in intermediate moisture products. 1947
- WATER-SOLUBLE VITAMINS**
Nutrition. 111
Folate in wheat and selected foods. 186
- WEIGHT CONTROL**
All calories don't count - overs. 56
Behavior modification in a self-help group - a pilot study. 86
Behavior therapy in treating obesity. 87
Behavioral and metabolic consequences of weight reduction. 55
Dietetic foods. 20
Dieting agents in foods - acceptability by obese individuals. 100
Calories (Film loop). 105
Calories, energy and weight control. 105
The family guide to better food and better health. 138
Diet: the realities of obesity and fat diets. 144
Effect of diet and/or exercise on obese college women. 150
Food, energy and you (Videocassette). 210
Food, energy, and you (Motion picture). 211
Frequency of feeding, weight reduction, and body composition. 214
Frequency of feeding, weight reduction, and nutrient utilization. 215
In defense of body weight. 255
Food becomes you: is better health through better nutrition. 279
Maternal nutrition (Slides). 295
Food for you. 307
Mulligan stew: The racer that lost his edge (Motion picture). 324
Mulligan stew: The racer that lost his edge (Videotape) I. 325
Weight control source book. 339
A source book on food practices with emphasis on children and adolescents. 352
Nutrient intake and weight response of women on weight-control diets. 374
Nutrition and pregnancy. 385
Obesity. 405
Food. 405
Nutrition-related health practices and opinions. 417
Obesity - how happenings. 433
Obesity - part 3. 436
Slim chance in a fat world: behavioral control of obesity. 536
The teenage obesity problem - why? - part two. 515
The teenage obesity problem - why? - part 1. 516
Calories and weight. 535
Looking at nutrition 12 ways. 571
Weight control of children with hyper-will syndrome. 590
Cellul counts the calorie counters. 832
- WHEAT**
Folate in wheat and selected foods. 186
Food uses of triticale. 209
Iron absorption by adults fed mixtures of rice, milk, and wheat flour. 261
- WHEAT-SOY-OLEND**
WSB on the hunger front. 1960
- WHOLE GRAIN**
Cooking and catering the wholefood way. 2118
- WHOLESALE**
Changes in food wholesaling. 773
- WIENERS**
The doggone truth about hot dogs. 153
- WINE**
Planned merchandising sells wine for Red Coaches. 1485
A practical formula for successful wine business. 1492
Wine. 1967
Larousse gastronomique. 2250
- WISCONSIN**
Give them a choice!. 1335
Anatomy of a satellite system: Wauwatosa Lunch Program. 1381
Model kitchen at Wausaukee. 1611
Factors affecting student participation in selected Milwaukee-Wisconsin Catholic high school lunch programs. 2017
Wauwatosa Public Schools Lunch Program: a satellite system. 2094
- WORK ATTITUDES**
An anthropologist views the nutrition professions. 86
Increasing employee productivity and reducing turnover. 861
The dietetic professional in the labor force. 1069
Relationship of attitudes to retention of learning and attitude change two years after food service training. 1122
You. 1318
Learning resources: AV or library? 2245
- WORK EXPERIENCE**
How to push a good thing. 856
Manual for the education of the food service supervisor---part one of two-part series. 1022
The first year of a coordinated undergraduate program in food systems management. 1091
A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patients for use in schools of nursing. 1235
Your future in food science. 1239
What schools are doing. 2099
- WORK EXPERIENCE PROGRAMS**
Increasing employee productivity and reducing turnover. 861
Education and training for industry - volume 1. 1127
Kids run a restaurant drive-in style. 1145
Food preparation socialist. 1183
Food service employees. 1261
Dietitian aides. 1262
Undergraduate education in dietetics. 1296
Tom Farley's impossible dream. 2078
- WORK SIMPLIFICATION**
Work improvement. 769
The dynamics of systems dialogue. 806
Management of food service. 820
How to apply systems analysis to your preparation/processing sub-system. 853
The impact of convenience food systems on the working environment. 860
Industry-wide response to the "raw-to-ready" scale. 853
Management manual, Type A lunch. 869
The basic four of work. 870
Work analysis and design for hotels, restaurants and institutions. 871
Man-machine productivity of dishwashing operations in hospitals. 880
Profitable food service management thru job analysis, descriptions, and specifications. 902
Personnel management and work organization. 909
Optimizing our human resources. 912
Elements of supervision. 963
- Upgrade your manpower task allocation system. 989**
Work simplification. 1003
Elementary body mechanics (Film loop). 1082
Hospital dishwashing (Film loop). 1114
Training yourself for food service. 1188
Management I. 1201
Work simplification in food service (Slides). 1315
Meal management. 1342
Food preparation for school food service personnel. 1436
Standards, principles, and techniques in quantity food production. 1458
Modern sandwich methods (Filmstrip/Photodiscs). 1466
Simplified manual for cooks. 1467
A handbook on quantity food management. 1512
Techniques of food measurement (Motion picture). 1518
Instructor's guide for presenting equipment use and care. 1643
Six solutions to ware handling. 1668
Layout, equipment, and work methods for school lunch kitchens and serving lines. 1678
The use & abuse of equipment. 1680
Hospital kitchen safety (Film loop). 1722
Guide for warehousing. 2351
- WORK STUDY PROGRAMS**
Hospital cooks correspondence course (an in-service training plan) 1960. 1113
- WORKBOOKS**
The food foods book. 53
Nutrition: a course for school food service personnel. 101
Programmed nutrition. 229
Management procedures and records. 767
Personnel management. 768
Work improvement. 769
Math workbook - food service/lodging. 1064
FSL English. 1147
How to purchase for school lunch. 1176
Sue learns about the use of measurements in cooking. 1238
Practical baking workbook. 1251
Student workbook to accompany elementary baking. 1252
Advanced menu planning. 1323
Beginning menu planning. 1324
Kansas school lunch menu planning book. 1971-72. 1341
Quantity food preparation: a course for school food service. 1392
Food and beverage purchasing. 2313
- WORKING WOMEN**
Children of working mothers. 2215
- WORKSHOPS**
Big ideas in nutrition education. 93
Preschool nutrition workshop sums up recommendations. 454
Problems of assessment and alleviation of malnutrition in the United States. 577
Colorado school lunch handbook. 778
Group work session: listening guide for integrating nutrition education into the program. 845
Adventures in nutrition education resources II--Mini workshops with Dairy Council, Inc. 1013
Audiovisual workshop. 1032
Innovative techniques for teaching nutrition. 1126
It can be done. 1136
An old standby that still works. 1204
A post-high school program in child care services. 1294
Quantity cooking. 1353
- WORLD PROBLEMS**
Food--Feeding---Understanding. 827
- YEAR ROUND SCHOOLS**
Year-round schools: districts develop successful programs. 1171
The year-round school: faddish or feasible. 2297
- YEAST**
Artificial and synthetic foods. 1587
The technical microbiological problems in intermediate moisture products. 1947
- YOGHURT**
Yogurt: is it truly Adelle's 8 vitamin? 615

SUBJECT INDEX

YOUNG ADULTS (20-34 YEARS)

YOUNG ADULTS (20-34 YEARS)

Food practices and preferences of some college students. 206
The new vegetarians: who are they? 366
Serum cholesterol from pre-adolescence through young adulthood. 490
A Gallup overview of the changing customer - a Gallup synopsis. 837
Today's youth - A new breed of cat. 980
Young America dines out: how youth voted in '72. 1035
The youth market says to do its thing. 1691

Personal Author Index

- Abernathy, R P 460
Abe, Clara C 1116
Acacio, F B 1231
Ackers, Geraldine E 556
Ackerman, Lauren V 497
Acott, K M 515
Adams, Janet 507
Adams, Bert C 987
Adams, Antti 474
Adams, Richard A 409
Albanese, Anthony A 365
Albanese, V C 472
Alexander, J C 151
Alexander, Marie M 423
Alfin-Slater, R B 4
Alford, Betty B 159
Allen, A Dale 728
Alwarado, Richard L 1715
1063
Almeyer, Richard M 694
Alter, Harvey 15
Altschule, Aaron M 58, 432
Altschule, Mark D 139
Ament, Joseph 1376, 1379
Ams, Stanley R 272
Anderson, B G 500, 589, 1846
Anderson, Thomas A 563, 2219
Andrews, Helen Holmes 1382
Annis, J C 1659
Annis, P J 1559
Antonino, Frank 711
Anoff, L S 624
Antli, Frederick A 1144, 1268
Apollonius, G 1403
Apollonius, Gertrude 914, 917
1248
Arbuckle, A S 625
Aranson, S W 1920
Aratas, James P 878
Arnold, R G 1874
Atkins, L 1926
Atkinson, Alta B 1321
Atwood, Jane C 1065
Augustine, Grace M 865
Avery, A C 19
Avery, Arthur C 1530
Axler, B M 551
Aykroyd, W K 593
Ayres, J C 1750
Babcock, M J 522, 703, 721
Bailey, Herbert 72
Bailey, L 1118
Bailey, Marcelle A 370
Bailey, Mybell 135
Baker, Allen J 1942
Baker, Mary Jean 1124
Bakos, J B 830
Baldwin, Ruth E 1907, 1908
1940
Balfanz, John A 1051
Balsley, Marie A 1125
Bandler, J K 2035
Barbano, J M 1827
Barbour, Helen 168
Barbour, Helen Francis 75
Barker, Edward 1081
Barnard, Clifford 3 1062
Barnes, F G 1891
Barnett, James E 1583
Barnett, James M 753
Bartlett, Lawrence 772
Bartolotta, A 1317
Bartolotta, A C 1335
Barton, J A 448
Batchner, O M 2154
Batson, M 1359
Bauman, M E 639
Baxter, O M 505
Beal, Virginia A 427
Beale, Calvin L 2240
Bean, M 1052
Beaton, G M 505
Beaton, George M 53
Beau, Frank M 2331
Beauchamp, Virginia Dorn 329
Beauchene, R E 398
Bebb, Helen T 431
Beck, James J 1190
Beck, K M 412
Beck, Karl 1816
Beckman, L M 1986
Beckman, Lois 1244
Bellino, John 1163
Belolan, Arletta M 483
Bensard, Melvin A 1796
Bender, A E 90
Bender, Arnold E 2204
Benedict, J M 1250
Benedict, Joan Marion 1037
Bennion, Marilyn 160
Benson, Jeffrey 350, 351
Benton, Mildred 2205
Berg, Alan 864
Berrini, James M 1378
Bettelheim, B 2103
Bicci, Ariene 1013
Biedermann, Konrad 1678
Bieri, John G 527
Billings, Margarita 1765
1769
Bing, Franklin C 70
Binkard, E F 65
Birch, Herbert G 94
Bird, Kermit 1854
Black, Patricia Hall 2113
2114, 2115, 2116, 2206
Blackburn, Mary L 607
Blackwell, Roger D 16
Blair, Eulalia 1438
Blair, Eulalia C 1321
Blaker, Gertrude G 1742
Blasdel, Alton 95
Blasdel, Hermann K 66
Blasdel, C W 1823
Blitman, Elaine 1375
Blondeau, Lucie 2304
Bodley, M A 505
Bohart, L Jean 97
Bogard, J M 1299
Bogoy, S W 1841
Boline, M R 1822, 1836
Bolton, G 1355
Bonser, Dan 2245
Booth, V 2208
Borlaug, Norman 1865
Borrmann, Priscilla G 21
Borud, Linda 472
Bottger, Jean 798
Boulden, Alfred William 763
Bowers, J A 1915
Bowers, Jane A 523, 1916
1953
Bowman, Fern 1583
Boyd, Fannie Lee 223, 1128
1196
Boyle, F P 1836
Boyle, Mary A 44
Boyle, Mary Ann 1445
Boyle, Patrick 803
Boysen, Susan C 409
Bradock, Karen Sue 229
Bradley, Alice V 2209
Brannan, Edward 627
Brannett, Vianna J 1416
Bresling, James L 704
Bretznager, Herman A 1039
Brekke, John E 1909
Brennand, Lillian 1263
Briggs, George M 97, 1298
Briggs, Howard W 1985
Briggs, Paul 2013
Brigham, Eugene F 998
Briley, Margaret E 1085
Brinkman, G Lynn 106, 173
177, 304, 475, 583, 658
Broadwell, Martin M 1115
Brook, J F 135
Brokaw, M 2361
Bronson, V 361
Brooks, Karl M 413
Brooks, Robert D 1027
Brothwell, Dan 625
Brothwell, Patricia 628
Brown, Bill Wesley 1040
Brown, Myrtle L 140, 203
Brown, J C 2039
Brown, B 804
Brozek, Josef 471
Brusaker, Dale L 1802
Brusaker, Miriam H 1471
Bruch, Alice 57
Bruhn, Christine M 125, 232
Bryan, F L 1781
Buchanan, B J 1864
Buck, Ernest M 2327
Buck, P A 1827
Budzy, Ted 520
Bunge, Martha M 1041
Burbridge, Margot 1391
Burke, Arvid J 2210
Burke, Mary A 2210
Burket, R E 809
Burroughs, Ann L 262, 263
Burling, Fredericka 32
Burton, Benjamin T 234
Bushland, Yvonne K 1001, 1313
Butterfield, Susan 185
Butterworth, C E 257
Butz, Earl L 651, 2349
Butz, W T 27
Byrne, C H 1821
Cail, D L 2019
Cail, David L 131, 774, 2068
Callahan, D L 184, 619
Callahan, Dorothy 103
Callahan, Dorothy L 2023
Calloway, Doris Howe 97, 186
Cameron, Allan G 213
Cameron, J L 113, 155, 243
244, 287, 380, 588
Camp, Susan C 2002
Campbell, Alexander 378
Campbell, Mary L 363
Campbell, Robert G 327
Carey, Ruth Little 2113
2114, 2115, 2116, 2206
Carr, Grace 1249
Carruth, B R 1214
Carruth, Betty R 1049, 1045
Carter, Evelyn Josephine 1048
Carter, Janet P 246
Casbergue, John P 911
Caul, Jean 488
Cavalotto, Catherine G 1909
Cavannah, Ursula M 2118
Cavins, J F 230
Chaddock, Paul M 1119
Chlaers, John J 1087
Chan, Harvey T 1909
Chan, James J 262
Chandler, B V 272
Chaney, Margaret S 111
Chang, Charlotte M 1651
Chapman, V J 1943
Charley, Helen 112, 1398
Chase, S E 2337
Chase, William O 2214
Chassy, Judy 13
Chenoweth, Alice D 2065
Chichester, C D 51
Christakis, George 405
Christakis, George J 1255
Christy, Bernice 1907
Church, Charles Frederick 2216
Church, Helen Nichols 2216
Ciani, Leonard 3, 1810
Ciani, Leonard A 681
Cinnamon, P A 290
Clara, J S 1915
Clara, Janice E 1915
Clark, Helen E 261
Clarke, Margaret Mary 78, 79
80, 1101
Clauel, A S 1801
Clawson, Barbara 1463
Clawson, Barbara ed 1539
Clay, W L 250
Clemen, Sara J 372
Clemence, Elizabeth J 880
Clement, Sera 1195
Cleveland, Linda E 2228
Cloyd, Frances 776
Clydesdale, F M 303, 530
1099, 1804, 1806, 1873
1877, 1930, 1946, 1967
Cotes, Ruth D 574
Cox, Burr D 1175
Coffman, James P 1053
Conn, Joan M 1061
Coleman, Joan 820
Coleman, Mary 205, 253, 1888
Collins, George J 752
Collins, J L 1819
Compton, Walter A 124
Conrade, George R 974
Conway, M F 1844, 1845
Conyers, C L 2073
Cook, Jane Follett 2197
Cooke, Judith A 706
Coolley, Michael J 2350
Cortes, Manuela P 397
Coudens, H N 1906
Cox, E F 65
Coyle, J 956
Craig, David G 1253
Craig, T W 1828
Crawford, F 758
Crawford, Frances M 2103
Crawford, H W 1064
Crawford, Terry L 773, 783
Crawlock, R J 2025
Crigler, T P 65
Crimmins, M B 47
Crisner, Patricia E 116
Crisner, Mary 1086
Crockett, James E 1035
Cronwell, Cynthia 9, 10, 31
Cronan, M L 2000
Cronan, Marion L 1066, 1225
Crump, William A 1028
Crumline, Judith L 457
Crusius, Vera C 1512
Cummings, Plachard Osborn 633
Curl, David H 1305
Curry, Estell H 1249
Cuthbertson, Sir David 134
D'Alessio, E R 1980
Dabbs, Roger 1923
Dahl, Crete 2223
Dalrymple, J I 1299
Daly, M J 664
Dandalo, C M 792
Danzon, Connie M 1412
Darby, W J 217
Darby, William J 246
Darden, E 441, 487
Daugherty, C E 1775
Davonport, Marilyn McCannan 1428
David, Beatrice 328
David, Beatrice Donaldson 927, 2304
David, Linda 302
Davidson, S 135
Davis, Barbara 504
Davis, D 1565
Davis, J C 464
Davis, Martha A 526
Dawes, Marge 2058
De Chavez, Virginia Munoz 254
De Figueroa, Mario P 1779
Dean, Charles C 861
Deardard, Dorothy 176, 375
376
DeJean, D 661
Dell, William J 1626
Denott, B J 428
Dennison, P A 1226
Dennler, Louise 1414
Desrosier, Norman W 635
Deutsch, Ronald M 138
Dichter, Ernest 1008
Dickey, Eugene 638
Dieffenderfer, R 1635
Dieffenderfer, R I 1563
Dittler, Paul 403
Dobbins, Frances W 1136
Doll, Ferd A 862
Doll, F W 2298
Donaldson, Beatrice 865, 883
Donist, C M 1990
Doonittle, C S 2159
Dornfield, Blanche 1175
Doucette, S W 602
Downing, Rose Mary 1072
Downen, M Lloyd 2075
Downs, Doris M 1818
Doyle, Margaret D 374
Dryden, J 373
Dudleston, Anne K 160
Dudley, Betty W 498
Dunlap, C J 1862
Dunlap, D 1014

PAGE 265

Dwyer, Johannes

- Dwyer, Johannes 422
 Dwyer, Johannes T 366, 450
 Egle, Juanita A 190
 Eckstein, E F 1346
 Edelblute, Nina 1972
 Edmonson, J E 1954
 Egan, Mary C 2035
 Ehoert, M S 162
 Ehaart, Mary S 2347
 Elliott, Paul A 1057
 Elliott, T 377
 Elliott, Travis 895, 897
 898, 899, 900, 901, 902, 903
 904
 Ellis, Ann K 964
 Emmons, L 2019
 Emmons, Lillian 49, 131, 2068
 Engel, Herbert J 1309
 Engel, James F 15
 English, Paul D 1124
 Enloe, Cortez F 645
 Enloe, Cortez F 1034
 Ennis, Gerard J 1012
 Ephross, Paul H 1991
 Eperlight, Ercel 155
 Erdman, A M 512, 1849
 Erhard, Darla 394
 Erickson, Eugene C 514
 Ernst, Lachard 2297
 Eshbach, Charles E 781, 884
 886, 1153, 1344, 1744, 2320
 2322, 2323, 2327
 Estolen, W B 1929
 Estes, Everett Edwin 1994
 Evans, Beatrice 2352
 Evans, Evelyn 1573, 1651
 1672, 1941
 Everts, Ilva Pauka 527
 Evers, Barbara M 334, 345
 Farnava, L H 1113
 Farley, T J 1002, 1179
 Farley, Thomas J 511
 Farnakis, Diane 1515
 Farner, F A 990
 Ferris, L 35
 Fester, Walter W 1300
 Fay, Clifford T 815
 Festr, David A 819
 Feeley, Ruth M 116, 286, 2256
 Feldner, R R 932
 Feldman, Edwin B 995
 Feldman, Jacob J 422
 Ferguson, Allie E 568
 Fett, John 782
 Fladeloan, W W 1904
 Fliley, Alan C 925
 Flinberg, A J 1856
 Flinberg, Alfred J 1790
 Flinch, Clisset A 264
 Flinberg, Seymour C 144
 Flinnegan, Fox 1375, 1613
 Flisch, Robert O 472
 Fischer, Frances E 671
 Fisher, Harry Johnston 232
 Fiskett, T 1484
 Flanzgan, Tasha 913, 965
 2299
 Flanagan, Thelma (nut-
 rition) 2352
 Flanagan, Thelma C 470
 Fleck, H 926
 Fleck, Henrietta 182, 4093
 Fogg, M E 129
 Feld, J 940
 Foley, May E 1475
 Folkers, Karl 6
 Foon, Samuel J 121, 559
 563, 2219
 Ford, Cilnita A 1225
 Forer, Sherrill B 1049
 Forsman, John 2232
 Foster, E M 7
 Fougere, William 1351
 Fowler, Sila Faye 1429
 Fox, Brian A 213
 Fox, Elliott M 1092
 Fox, Hazel 32, 247, 608
 Fox, Hazel M 152
 Francis, F J 530, 1099, 1804
 1826, 1873, 1877, 1330
 1946, 1967
 Franklin, Harold L 815
 Fround, William H 2081
 Frey, C V 1926
 Friend, Berta 167, 174, 2255
 Fries, J A 1927
 Frohreich, Lloyd 944
 Frolich, L A K 1673
 Frost, H C 846
 Fryer, Robert E 171, 501
 Fryer, Beth A 151, 228, 457
 523
 Fugelsang, Andreas 1197
 Fuller, Edgar 645
 Fulton, Doris Elliot 76
 Funn, Kaye 84, 526, 1445
 Furrison, Barbara K 1174
 Futrell, Mary F 425, 426
 Gage, John 1853
 Gage, John W 1792
 Gallimore, William W 1942
 1957
 Gancel, J 2233
 Ganger, Joan Anderson 159
 Gent, James L 1109
 Gerner, Lee D 993
 Gerr, J 1322, 1345, 1368
 1387, 1395, 1460
 Geselone, C E 688
 Gessle, Edward W 508
 Gay, Jean 1013
 Gaylord, E Curtiss 221
 Gels, Donald L 1167
 Gels, Mary Jane 1340
 Georgiou, Constantine 224
 Gerhardt, Carolyn M 1509
 Gieslotre, F N 1599, 1601
 Gibson, S 1983
 Giff, Helen M 225
 Gliig, Eleanor M 928
 Gladstein, C W 1257
 Glazky, Carlton B 786
 Glendon, T J 1799
 Gleazer, Edmund J 2197
 Glycer, John 142
 Godfrey, Marilyn 750
 Goertz, Grayce 942
 Goldberg, A 578
 Goldblith, S A 622
 Goldsmith, Grace A 249
 Goldsmith, Naomi F 128
 Goldstein, Stanley 1211
 Good, Gene E 2062
 Gooding, Margaret 408
 Goodwin, Mary T 23
 Goodwin, T L 1814
 Gordon, J 599
 Gordon, John E 289
 Gordon, Michael 859
 Gordon, Michael E 1213
 Gorman, James 1211
 Gorton, L A 777, 950, 1339
 1590, 1715
 Gottlieb, L 771, 797, 968
 1267, 1707
 Gould, Wilbur A 1962
 Gounas, D N 389
 Govindarajan, S 1895
 Gram, D M 1927
 Gram, George G 149
 Gram, Jerry 302
 Grant, James D 705
 Grashoff, A 1006, 1638
 Gravatt, Arthur 779
 Grayson, Cory T 2234
 Greenfield, Jerry C 1691
 Gregg, Joseph G 1110
 Gregg, Walter H 333
 Greig, W Smith 1866
 Griffith, William 772
 Grinker, Joel 88
 Grossan, Jeannette C 176
 Groth, V 415
 Grover, Robert M 2320
 Gullid, Louise 178, 375, 376
 524
 Gulliford, M J 1676
 Gussow, Jean Dye 94
 Gustafson, Kent L 1241
 Gutellus, Ted 915
 Guthrie, Helen 419, 854
 Guthrie, Helen A 229, 314
 1195, 1216, 1993
 Guthrie, Rufus K 1719
 Synne, Thomas M 576
 Hais, G J 1935
 Hadeeb, Virginia T 2108
 Haffen, Brent Q 230
 Haggerty, James J 485
 Hall, M R 71
 Hall, W A 2365
 Halleran, T 30
 Hallowell, E R 2364
 Hamilton, C L 449
 Hanks, Jean H 123
 Hanks, David 2066
 Hanni, Robert B 847
 Hansen, R G 577
 Harder, Howard C 5
 Hardin, C M 716, 2038
 Hardin, Clifford M 652
 Hargers, Virginia F 997
 Harjes, C F 430
 Harper, Alfred E 469, 1154
 Herrel, C G 2259
 Harrill, Inez 159
 Harrington, R B 1416
 Harris, Betty 1013
 Harris, Robert S 484
 Harrison, D J 1884
 Harrison, Gail G 225
 Hart, F Leslie 232
 Hastings, Geraldine 1169
 Hayakawa, Ken-ichi 1839
 Hayes, Kirby M 1461
 Hayes, M 2019
 Hayes, Marlen 49, 151, 2068
 Head, Mary K 2048
 Healy, Richard J 848
 Hearl, Harvey 1855
 Hegsted, D Mark 680
 Held, J Larry 1892
 Helman, Edward J 907
 Hollandarn, E W 1905
 Hepphill, Charles F 849
 Henderson, Elizabeth 2226
 Heoner, P A 1943
 Hernandez, F 1507
 Hickey, Albert E 1256
 Hielscher, M L 207
 Hiestra, Stephen 2048
 Hiestra, Stephen J 1995
 Higgins, Margot 1194
 Hill, V M 313
 Hill, Mary M 29, 216, 388
 402, 481, 1266, 2034, 2228
 Hilla, Helen M 546
 Hilton, Peter 1840
 Hirsch, Naomi L 489
 Hitchcock, M J 638
 Hitchcock, Mary Ja 772, 881
 936
 Hitt, P R 45
 Ho, Claire Hughes 203
 Heckin, B L 414
 Hedges, Robert E 379
 Hoeflin, Ruth 775
 Hofffeld, Marsha 1243
 Holgate, Marjorie 991
 Halla, Judy 870
 Hollings, Ernest F 690
 Hollingsworth, Dorothy F 468
 1837
 Hale, Vanja A 590
 Helman, M D 2245
 Helberg, Rita 1823
 Holmes, Alan C 1095
 Holmes, Douglas 382
 Holsinger, V H 1858
 Hoonick, D N 1862
 Honstead, J F 81
 Heeper, Anna S 1916
 Horan, F E 809
 Hornbacher, R M 232
 Houser, Harold B 458
 Howard, H W 693
 Howard, Hartley W 745
 Howe, Jean M 261
 Howe, Phyllis Sullivan 248
 Howtown, Eleanor 1988
 Hu, K H 2349
 Hubbard, R M I 1530
 Hudson, Marie 1094
 Huessmann, Ruth L 253
 Huggan, B 759
 Hughes, Hughie 2011
 Hullett, A 414
 Mullander, Edwin L 929
 Hunscher, Helen A 1297
 Hunscher, M A 274
 Hunt, Fern E 1417
 Hutchcroft, Etha 329
 Hutchcroft, Etha Schipull
 1122
 Huxsoll, C C 1862
 Ibar, Frank L 54
 Ingelfinger, Franz J 220, 259
 Inglett, G E 280
 Insalata, N F 621
 Insalata, Nino F 1947
 Ippolite, Bruno 944
 Irstun, Carol L 314
 Irstler, Theodore F 1164
 Irwin, Isabel M 533
 Isaac, Thomas S 1265
 Israeli, Pan 1249
 Jacobson, Howard N 385
 Jones, Doris A 1818
 Jones, H B 207
 Jefferson, S J 512
 Jelliffe, D B 120
 Jelliffe, Derrick B 573
 Jelliffe, E F Patrice 573
 Jennings, H J 1444
 Jernigan, Anna Katherine
 1112, 1728
 Jerene, Morge W 133
 Jewell, M E 2000, 2015
 Jeerling, Elizabeth 2033
 Johnson, Betty Vivian 1831
 Johnson, Clarence 1090
 Johnson, D 1838
 Johnson, Donald E 988
 Johnson, Helen B 343
 Johnson, J 2194
 Johnson, J H 1511, 2168
 Johnson, Jean Thornton 2244
 Johnson, Mel Hertha 206
 Johnson, Mary E 807
 Johnson, Mary M 1061
 Johnson, Nancy E 400
 Johnson, Ruth E 170
 Johnson, W D 1123
 Johnston, James T 857
 Joiner, Curtis R 696
 Jones, Dorothy 1425
 Jones, H B 1273
 Jones, J H 508
 Jones, Reginald L 867
 Jones, Stacy V 639
 Jordan, Henry A 86, 255
 Joseph, John H 887
 Josephson, D V 1798
 Judge, Max D 1416
 Jukes, Thomas H 175
 Kaczmar, Olga 1269
 Kahn, Bernard D 994
 Kahrl, William L 868
 Kalin, M 1560
 Kannel, William B 152
 KaPaun, Ann Rose 1141
 Kaslan, Aaron 1456
 Karl, M 893
 Katz, Arnie 672, 1861
 Katz, M H 218
 Kaufman, Mildred 130
 Kazarian, Edward A 871
 Kech, S 851, 1780, 2024
 Keeney, P G 1798
 Kafford, J F 272
 Keiser, James 1350
 Kendrick, Jean 52
 Kendrick, Jean L 1080
 Kent, Franklin 1987
 Kessler, William J 1314
 Kharbas, S S 669
 Kleng, Min-Hsien Y 1219
 Kles, Constance 1198
 Kilbore, Lois 136
 Kilgore, Lois T 425, 426
 Kinder, Faye 1342
 King, Alberts 937
 King, Charles Glen 650
 King, Harold 782
 King, Kendall W 2023
 Kingston, A 1523
 Kirkpatrick, Donald L 1146
 Kiser, Barbara 493
 Kitson, J A 1831
 Klein, Peter 1147
 Klein, David 2314
 Klein, Maryann 2314
 Klicke, M V 1890
 Klockow, Jeannette H 100
 Klockow, R G 1465
 Kluge, Eldor A 1688
 Knauer, Virginia 2045
 Knauf, Karolynn 1148
 Know, Sharron 2249
 Kobriger, Annette 1036
 Koch, Henry Walter 1149
 Kohl, John 748
 Kollat, David T 16
 Kon, S K 273
 Keence, T P 1989
 Koonce, Porcellia C 281
 Koontz, H 872
 Koontz, Harold 873
 Korschgen, Bernice 1905
 Korschgen, Bernice M 1907
 Koskie, Mary Roseann 2017
 Kotschevar, Lendal H 1458
 1459, 1606, 1607, 2315
 Kramer, M 1343
 Krause, M V 274
 Krehl, Willard A 486
 Kriesberg, Martin 2082, 2093
 2355
 Kroger, Manfred 1832, 1948
 Kruck, Donald 1052
 Krun, J K 1711
 Kuhnajak, E J 1904
 Labuze, T P 615
 Lachance, P A 74, 1870, 1901
 Lachance, Paul A 77, 420
 459, 506, 678, 718
 Lackey, H M 242
 Lacreix, Denis E 117

- Laine, I 374
 Laine, I C 2339
 Laine, S 874
 Lano, M 1214
 Lankin, G 207
 Lano, Lincoln 4 643
 Landis, R G 744
 Lattin, Thomas W 776
 Law, Helen A 957
 Lawrence, Ann M 433
 Lawroski, Mary Ann 1221
 Le Bault, Corinne 32, 1529
 2230
 Le Bault, Corinne 126
 LeBaron, Marlan 1500
 Lederer, Jean 275
 Lee, Phillip 3 1132
 Lees, P 277
 Legett, Stanton 2737
 Leitch, James MUI 255
 Lengua, S 1510, 2119
 Lenski, Lois 335
 Lento, M G 1795
 Letton, Mildred Celia 644
 Levallie, S A 1393
 Leverton, R 524
 Levstons, R 4 245
 Leverton, Ruth 4 279
 Levinson, James F 2043
 Levitz, Leonard S 36, 47
 Lewis, M C 2032
 Lewis, K A 305
 Lewis, Kathleen J 374
 Lewis, Shirley 2211
 Lewis, Wiley 3 1274
 Li Wang, Virginia 1096, 1991
 Lichte, K L 1223
 Lichtenfeld, R J 875
 Lindauer, L 1329
 Liston, Werner J 2345
 Lisberg, Guinevere 2317
 Little, Arthur S 452
 Liu, Ellen H 429
 Livingston, S E 1130, 1651
 1955
 Livingston, Sally K 595
 Lockviller, V R 1953
 Loewenstein, Morrisson 1626
 Loewenstein, M 1917
 Longene, Carla 1741, 1742
 1743
 Look, G D 876
 Lorenz, K 239
 Lovett, Robert 1031
 Lovrien, P 153
 Lowenberg, Miriam E 492
 Lowrance, M V 1220
 Luck, J 2071
 Lukoski, Robert F 884, 886
 1153, 1506, 2323, 2325, 2326
 Lunde, J B 1944
 Lundberg, David E 642, 378
 592, 1379, 1452
 Lyda, Mary Louise 2213
 Lynch, S A 2360
 Lyng, R 632, 1999
 Lyng, R E 114, 1982
 Lyng, Richard E 587, 715
 2026, 2057
 Lynn, Robert A 925
 MacDonald, Janet 2211
 MacNeil, Joseph M 1359
 MacNulty, Bradford S 632
 Macnochio, L L 393
 Madson, F M 806
 Madors, Richard F 1254
 Maggiora, Josephine 1372
 Magrabi, Frances A 329
 Mahaffy, Mary J 353
 Mahan, L Kathleen 1023
 Mahler, Walter R 1357
 Mahlum, J M 1871
 Malzel, Bruno 2313
 Majorack, F C 683
 Masters, Jeff 1467
 Hanko, Howard A 2246
 Manno, A 252, 1519, 2117
 Marcus, Burton 1031
 Maraczki, A V 632
 Margen, Sheldon 173, 291
 Marino, Gary 1876
 Marlo, T 1955
 Marks, E 4 51
 Marks, Harriet 232
 Marques, Richard A 1038
 Marsh, A C 1835
 Marshall, William A 1078
 Martino, Ethel Austin 293
 Martino, J 2053
 Martino, Josephine 570
 Martino, Kathleen 274
 Martino, Marvin 337
 Martin, Sam 1863, 1882
 Martin, Sandra L 1097
 Marvosh, Maria 1011
 Mason, John Brown 2247
 Mason, R L 398
 Mast, Morris G 1859
 Mastroiolo, Joseph A 170
 Matin, Josephine 708
 Matthews, M Ellen 488
 May, Jacques M 297, 298, 299
 300, 301
 Mayer, Jean 422, 450
 McAndrew, Walter T 923
 McCabo, Edward 1301
 McCabo, Jack 1592
 McCabo, John F 460
 McCabo, Terrence W 344
 McCarrill, B 2075
 McClelland, Bessie R 1317
 McCloud, Ted 772, 945
 McCormick, James H 1204
 McCormick, Richard O 1791
 1847, 1903, 1913
 McCullough, Jane F 490
 McDowell, M C 1054
 McEnery, E T 332
 McFarland, James P 1875
 McGlone, F E 102, 1338, 1405
 McGiffey, C W 1684
 McHenry, Earle Willard 83
 McHenry, Roberta Mohr 2344
 McIntire, J M 1921
 McKean, L 762, 1634, 2122
 2124
 McKinley, M M 1231, 1250
 McKinley, Marjorie M 1029
 McKinley, T W 1781
 McLean, Hugh A 1267
 McLan, William D 1555
 McMaster, V 1973
 McRobert, K L 1320
 McWilliams, Margaret 302
 Medved, E 792
 Medved, Eva 643
 Meiller, Larry 782
 Meneses, Mary E 783, 1001
 1313
 Merrill, Annabel L 2280
 Meyer, Bernadine H 1425
 Michaels, A S 1851
 Mickelsen, Olat 1193
 Middleton, R 1455
 Middleton, Raymond 870
 Miesel, G E 2360
 Miljanich, Peter 179
 Miller, A T 2328
 Miller, B S 1420
 Miller, Cora 503
 Miller, Fred W 1027
 Miller, Jean Magee 1159
 Miller, M C 222
 Miller, S A 1794
 Millman, Frank O 216
 Mills, Elizabeth R 68
 Milne, A A 156
 Milor, A 505
 Miloradovich, Milo 2152
 Minor, Louis J 165
 Mitchell, Marley W 344
 Mitterhauser, Klaus 1537
 Mo, Amy 746
 Molitagny, Joel 1194
 Mon, G B 2245
 Monsen, Elaine R 360
 Montag, G M 1250, 1320
 Montag, Geraldine M 880, 929
 1029
 Montagna, Prosper 2250
 Montague, J 1979
 Montoya, B 1969, 2072
 Montoya, Benedicto 2063
 Moore, Maggie E 1023
 Moore, Thomas 104
 Moosberg, Frank O 1467
 Morgan, Bruce H 1833
 Morgan, Patrick M 495
 Morlan, John E 1163
 Morris, Mary L 1164
 Morris, Jud 491, 1165
 Morse, Ellen H 127
 Morse, Roy E 1850
 Morton, Beecher E 1166
 Moschetto, Dorethy 282
 Moskowitz, R B 74
 Moss, M A 697
 Mountney, George J 1962
 Moyer, Elin Z 533
 Mraz, E M 33
 Mudge, F E 1327
 Mulcahy, Mary Jo 407
 Mulford, Kenneth E 679
 Munro, A N 577
 Munro, Nancy 1050
 Murphy, C 1107, 1108
 Murphy, E W 2272
 Murphy, Elizabeth W 261, 285
 510, 529
 Murphy, Margaret M 721
 Murphy, W B 1936
 Myers, J R 19, 428, 429
 1004, 1400, 1492, 1547, 1652
 2053, 2231
 Mynick, Virginia 2061
 Nagel, A H 646
 Nailon, P 2208
 Nandl, Minal A 307
 Navarro, A C 1228
 Neale, M 1513
 Neelakantan, S 1874
 Neijelski, Leo 2279
 Nelson, Robert 964
 Nelson, Robert J 328
 Nesmeyanov, A 1287
 Newman, T J 1776
 Newstrom, John W 1121
 Nicholson, R H 599
 Niemeyer, Katherine A 396
 Ninnemler, J D 943, 1224
 Ninnemler, Jack 328
 Ninnemler, Jack D 1029
 Ninnemler, Jack Douglas 1182
 Noble, Isabel 525
 Nolan, Naomi 435
 Nollman, Doris S 1922
 Hollman, Doris Sarah 2335
 Nonaka, M 1951
 Nuergo, William 1185, 1189
 O'Brien, Mary T 713
 O'Donnell, C 472
 O'Farrell, Michael J 1080
 O'Farrell, Michael 443, 2052
 Oert, Jessie Craig 2040
 Odland, Dianne 2347
 Odland, Lura M 638
 Odland, Laura 330
 Okos, L L 1530
 Olivier, A 67
 Olson, Joseph C 682
 Olson, Robert E 579
 Olsson, Philip C 2029
 Ostrow, Lorna 1912
 Oppenheimer, Alfred 1805
 Orr, M L 539
 Orr, Martha Louise 543
 Ostwald, Rosemarie 179
 Ottarman, Lloyd 1090
 Owen, Donald J 916
 Owens, Richard 963
 Page, D R 2360
 Page, Louise 281, 285, 529
 2034
 Palmer, Walter W 461
 Pancrazio, S F 1123
 Pangborn, Rose Marie 125, 202
 Panke, M 2071
 Parham, Ellen S 307
 Parham, Ellen Spelden 1
 Parham, J F 513
 Parker, E 93
 Parker, Frances Carr 1354
 Parkow, R J 784
 Parr, E 464
 Parrish, John B 251
 Parrott, Philip J 1375
 Parry, Stanton P 2075
 Passore, R 135
 Patterson, Linda 147
 Patterson, P E 1090
 Pattison, Mattie 168
 Patton, Mary Brown 438
 Patwardhan, Vinayak V 145
 Pauling, Linus 446
 Paulraj, V K 1917
 Payne, Alma Smith 103
 Payne, E C 1257
 Pearson, David 447
 Pearson, Jim B 645
 Pearson, Joanne 50, 417
 Peckos, Penelope S 515, 516
 785
 Pecot, Rebecca K 1524
 Peet, Louise J 1648, 1649
 Pelcovits, Jeanette 416
 Pelletier, Omer 118
 Pelletier, P L 2258
 Penn, William S Jr 1671
 Pennecke, Jean L 14
 Perkins, Edward L 1671
 Perry, J Warren 1075
 Perryman, John 676, 921
 Perryman, John N 920, 1974
 Peterkin, B 701
 Peterkin, Betty 9, 12, 702
 2306, 2352
 Peterkin, Betty B 541
 Peters, James W 1880
 Peterson, Mary E 1198
 Peterson, Gary T 1058
 Petrie, R C 422
 Petrie, Robert C 421
 Petran, J D 1567
 Pike, Arthur H 2275
 Piltz, Albert 353
 Pinkston, Phyllis J 1799
 Piper, Geraldine 4 1068
 Piles, Peggy L 590
 Plagge, G 999
 Plumb, Robert K 405
 Plume, J 1150
 Pomeranz, Yeshajahu 655
 Poolton, Martha A 451
 Poore, Gerald B 1127
 Poolak, Nicholas 362
 Porter, M 448
 Porter, M C 1851
 Post, Edward J 1086
 Potter, Frank E 2324
 Potter, Jeannette W 127
 Powell, C A 1010
 Powell, David J 1089
 Pratt, D E 1465
 Pratt, Don E 100, 1922
 Pratt, Eleanor 917
 Price, J F 656
 Prince, G M 1682
 Pringle, Dorothy J 174
 Prior, Ian A M 455
 Pritchard, K 71
 Pursel, Marjorie 335
 Pye, Orrea F 1155
 Pyke, Magnus 465, 2342
 Quisenberry, Nancy L 1065
 Rader, Sara E 1417
 Rahnlow, Harold F 1222
 Raines, Roma 524
 Ransbottom, Joan H 292
 Randall, Alvin H 955
 Randolph, Michele A 1061
 Rashed, Michael A 1271
 Rasanen, Leena 474
 Rausch, Alina G 2143
 Read, Hadley 2261
 Reber, E F 1465
 Reber, Elwood F 100
 Reddy, P J 1931
 Rees, Ann Paroe 933
 Reese, Robert B 1527
 Reichard, Robert S 934
 Reile, S J 2170
 Reshof, A 578
 Rey, L R 938
 Rhoads, Dean D 941
 Rhoads, Richard C 418
 Rhodes, D O 1548
 Richards, Ruth 1328, 2312
 Richards, Connie 1419
 Richards, Lenore 1522
 Richards, Teresa A 1953
 Richardson, B 1404
 Richardson, Freya M 1761
 Riddle, Jean 2211
 Riddle, Katherine P 2273
 Rietz, Carl A 1500
 Riley, D H 235
 Ringold, Shirley 2148
 Ritchey, S J 429, 460
 Roach, Margaret E 1227
 Robinson, Corinne H 476
 Robinson, James R 586, 587
 Robinson, R F 1540
 Robson, John R K 477
 Rodgers, R F 793
 Rodgers, Richard K 989, 1758
 1777, 2341
 Rost, Lyle 1556
 Rorex, Herbert 772
 Rose, L 1003
 Rosen, C G 165
 Rosenblatt, Robert L 818
 Rosenfield, Daniel 575
 Ross, Lynne 2344
 Ross, Margaret L 111, 1151
 Ross, Virginia 1938
 Rowe, Mack R 1030, 1156
 Roy, Sujit K 1085
 Roynen, M 1353, 2150, 2151
 2160, 2169
 Rusch, D F 1809
 Rust, Elizabeth 178, 375, 376
 Ryall, A Lloyd 2345
 Saden, Mary A 363
 Sabino, C O 894, 939
 Sabry, I I 108
 Sabry, Zachary 373
 Sacharow, Stanley 712, 1803
 1910, 1949

Sadro, M

- Sadro, M 455
 Salunke, J C 1522
 Salunkhe, J C 667, 1925
 Saway, G 1 1929
 Sanders, G G 1619
 Sandstead, Harold M 246
 Sanjurjo, Olga 201, 514
 Sanstad, A 521, 1120, 1333
 1373, 1384, 1333, 1451
 1553, 1685, 2007, 2120
 Sasek, M 480
 Sarasiotis, J B 597
 Satterfield, D 951
 Schaefer, Arnold E 2241
 Schaefer, Jett 603
 Schaur, George E 35
 Schiller, Mary Rosita 1077
 Schmillenberger, M C 944
 Schnober, Rudolph A 812
 Schnos, H M 1921
 Scherr, Bernice Chase 514
 Schuck, Lucilla 173
 Schulman, Glenn 2353
 Schultz, A S 1925
 Schultz, Ann 1169
 Schultz, Edward 963
 Schuman, Patricia 2253
 Schut, Howard G 750
 Schwarz, A 951
 Schweigert, S S 555
 Scoma, Anna J 231
 Scribshaw, M 1 1977
 Scribshaw, Mary S 249, 482
 Scruggs, G 1231
 Seaberg, Albin G 1355
 Searing, J L 796
 Sebrella, A M 484
 Sebrella, William A 485
 Sebring, Robert 731
 Seelie, R A 43, 44, 570, 665
 1059, 2357, 2359
 Seidman, Arrabelle D 155
 Selby, Hans 387
 Selson, Arthur D 1911
 Senechal, Mary M 251
 Senese, Eleanor 1235
 Senters, Jo 1 1959
 Sentz, F R 2034
 Sepeno, Nicole A 471
 Severinghaus, Elmer L 423
 Shadaryan, S 2255
 Shahan, C M 1874
 Shank, Robert 235
 Shank, Robert E 115
 Shantz, D 110
 Sharon, Ansel T 1079
 Sharon, Gerhard S 437, 1191
 Shaw, R B 1980
 Sheahan, B M 597
 Shear, Twyla 1105
 Shella, Lucy F 25
 Shellenberger, J A 655
 Shilton, L R 305
 Shenk, Carol 1238
 Shenkenberg, D R 1391
 Shepherd, Terry R 1055
 Sherrans, William C 434
 Shevchuk, C 2097
 Shevlin, T S 1571
 Snowfelt, A L 1237
 Shih, Vivian E 1937
 Shlomo, J E 712, 1354
 Shlomo, M Frank 194
 Shoffner, Sarah 1453
 Shugart, Grace Sovereance 1429
 Sidwell, Virginia J 132
 Silverstein, George 1032
 Silvis, S Harold 1240
 Simon, Callison Halcy 952
 Simon, Collins 1834
 Siple, Dorcas L 1215
 Skaggs, Kenneth S 1172
 Slatin, Alonzo B 1211
 Smith, Bruce 754, 544, 1339
 1415, 1422, 1437, 1482
 1483, 1541, 1663, 1548, 2121
 2125, 2140, 2149, 2167, 2179
 Smith, Cernor 159
 Smith, Charles J 356
 Smith, Duncan N 1242
 Smith, E Evelyn 1512
 Smith, Jay C 1023
 Smith, Karl J 59
 Smith, Mary Lou 1953
 Smith, Ora 562
 Smith, P J 430
 Smith, Stanley 917, 1565
 Snider, Nancy 1490, 2137
 2235
 Snyder, Dora 930
 Snyder, Oscar P 755
 Solberg, Judith A 472
 Soldat, J K 41
 Sorsbahl, Donald Kenneth 1246
 Soulsby, Theresa 2163
 Southard, Leland 773
 Southard, Leland 4 783
 Spader, M 1343
 Spangler, Glenn J 206
 Spears, Marian C 1091
 Spishler, Vina 1674
 Spilger, D J 1326
 Spindler, Evelyn B 556
 Solmney, Katherine 2221, 2236
 Soltzer, Hazel Taylor 1126
 Solittstoeser, D F 1745
 Sprague, R V 1099
 Sprague, William B 963
 Spriggle, William R 963
 Stabler, R L 1842
 Stalker, John C 677
 Stauber, William D 1813
 Standa, Bluebell R 180, 397
 Stara, Fredrick J 403, 421
 Stasch, Ann R 206
 Stecker, L 2055
 Stecker, Lela 2056
 Steele, Priscilla D 190
 Stein, Bob 967
 Steingals, Merit 1106, 1187
 1264, 1304
 Stevens, F D 1577
 Stevenson, Gladys T 503
 Stewart, G F 51
 Stewart, George F 208, 2220
 Stewart, Margaret R 8, 359
 354, 391, 700, 2012, 2037
 2101, 2239
 Stifel, Loretta D 1263
 Stillings, Bruce R 132
 Stillman, Myra 511
 Stock, Garfield R 505
 Stokes, John W 969, 970
 Stone, Winifred O 1258
 Stoneman, Joel M 1520
 Strohm, V 1455
 Strother, George 799
 Stuart, Richard B 504
 Stubbs, Alice 519
 Studdiford, Donna Delfs 1218
 Suessmuth, Patrick 1264
 Suessmuth, Patrick F 1106
 1187, 1304
 Sultan, William J 1251, 1252
 1517
 Suter, Carol B 393
 Suydam, Margaret Jane 332
 1470
 Swanson, Pearl 335
 Sweeney, J P 1335, 1943
 Synons, Arthur 973
 Szanton, Jules G 2271
 Szathary, Louis 1386
 Tabb, Conrad 2270
 Tawler, Jeremiah 95
 Tannenbaum, Beulah 511
 Tanner, Charles Kenneth 1362
 Tappell, A L 604
 Tappell, June B 193
 Tauscher, Edward M 1945
 Taylor, A B 2051
 Taylor, B 1332, 2142
 Taylor, Clara Mae 2273
 Taylor, Eileen F 42
 Tellus, B 623
 Templeton, J 889
 Tenor, J 1600
 Terrell, Margaret E 1606
 Terrell, Robert M 520
 Theloni, P J 2259
 Thoms, Patricia M 17
 Thompson, Thomas 1812
 Thomsen, Frances Combs 2274
 Thorne, Marvin Edward 1521
 Tibbotts, Mary H 159
 Tinklin, G L 129
 Tinklin, Gwendolyn L 1834
 Todhunter, E N 204
 Todhunter, E Nalge 266, 613
 1360, 2276
 Tolley, Donald J 746
 Tracy, William P 1117
 Traet, Nole 1522
 Traeger, Thomas C 1708
 Trentin, H George 867
 Tressler, Donald K 2350
 Tribo, H B 1420, 1531
 Trooboff, Rebecca C 1129
 Tucker, Gine 982
 Tucker, S M 392
 Turner, Cornelius P 1017
 Turner, David R 1274
 Turner, Dorothea 531
 Turnorn, Scott 268
 Tversky, Arnold D 1052
 Uilrich, H D 392
 Umphery, Robert E 1975
 Underwood, E J 567
 Underwood, V R S 146
 Vaden, Allene 747, 798
 Vaden, Allene G 499
 Vaden, Richard 747
 Van Allen, Judith 1876
 Van Arsdol, Wallace B 2350
 Van de Mark, M S 146
 Van de Mark, Mildred S 237
 Van de Ven, Andrew 369
 Van Itallie, Theodore B 327
 Vasa, Albert C 2294
 Vargas, Julie S 1254
 Vernon, H R 1896
/>Vester, Kelly G 1300, 1784
 Vickery, J R 1914
 Voegel, George H 2242
 Volchick, Jane 288
 Von Housen, Ardith A 1103
 Wagner, Edwin E 1271
 Wagner, Turlel G 247
 Wakefield, L M 129, 222
 Wakefield, Lucille 597
 Waldner, George K 1537
 Walker, D B 809
 Walker, Mabel A 216
 Wall, J S 240
 Wallace, Anne P 1221
 Wallace, Helen M 381
 Wallman, I 1455
 Walsh, Timothy J 448
 Wanderingstock, J J 2329
 Ward, C 239
 Warnings, M 36
 Washoon, Marjorie B 225
 Watson, Olive B 996
 Watt, B K 539
 Watt, Bernice K 116, 265
 510, 529, 1524, 2256, 2280
 Weagly, Eleanor G 1975
 Weaver, M L 1951
 Webb, Byron H 667
 Webb, Ryland E 1051
 Weber, Shirley Mae 1306
 Weckel, Kenneth G 827
 Wedral, E R 692
 Wein, Eleanor 490
 Weinberg, Jack 462
 Weir, C E 536
 Weisberg, Tina Ann 1961
 Weiser, Harry H 1962
 Welshelt, R E 269
 Welsman, M 1760
 Weiss, E B 749, 1937
 Wenham, Neo S 231
 Wenner, Ruth 342
 Werle, Henry 2238
 Werner, B 769, 810, 962, 979
 Werner, M 1270
 West, Bessie Brooks 997, 1429
 West, Gene M 25
 Westbrook, James H 1307
 Weston, J Fred 994
 Wharton, Marlon A 170
 Whipple, Elisabeth 1263
 White, Elizabeth D 1918
 White, H S 444
 White, Hilda S 576
 White, James C 1696
 White, Philip L 1023
 Whitehead, Floy Eugenia 532
 Whitehead, Jack 1027
 Whiteley, Peter R 1544
 Whitten, Charles F 509
 Whittier, Earl O 667
 Wieland, Henry 1966
 Wileman, Clarence K 1864
 Wightman, Marj 2248
 Wilcox, Ethelwyn B 490, 574
 Wilkerson, B T 609
 Wilkinson, Julia 1147, 1311
 1545, 1686, 1687, 1688
 1689, 2362
 Wilkinson, Margaret 191
 Willott, Roslyn 981, 1830
 Wilsey, Calvert L 2220
 Willgoose, Carla E 1236
 Williams, G 1130
 Williams, Roger J 383
 Williams, Sue Rodwell 610
 611, 612
 Williams-Burns, Winora 1065
 Wilson, Christine 2249
 Wilson, Christine S 192, 2229
 Wilson, Esther H 1221
 Wilson, Margaret A 1296
 Wilson, Nancy L 291
 Wimer, Raymond V 1312
 Wimer, H H 74
 Windham, Frances 425, 426
 Wing, R W 161
/>Wingard, W H 96
 Wisotzkey, D G 2305
 Witherspoon, John P 1314
 Witschi, Julia C 452
 Witten, Rita B 831
 Wooster, John 801
 Wolf, W J 598
 Wolff, Robert J 231
 Wolganot, Irene H 236
 Wolnak, Bernard 823
 Woo, H C 1849
 Wood, Leville 997
 Woodman, Julie 2243
 Woodroff, Jasper Guy 668
 Woolfington, Mary 331
 Woolrich, W R 2364
 Wortman, Max S 746
 Wrench, G T 614
 Wright, Audrey Clever 237
 Wisley, Albert L 885, 974
 975, 1344, 2303, 2321, 2322
 2323, 2327
 Wyche, R C 1814
 Wyman, J R 517
 Wynn, J T 2064
 Yeo, Betty C 1968
 Yingst, L D 1814
 Young, Charlotte M 163, 164
 214, 215, 304
 Zabik, Mary E 1818
 Zabik, Mary E 526
 Zaccarelli, Herman E 1372
 Zimmerman, Robert R 1050
 Zottoli, Edmund A 309, 1747
 Zuesteg, D 855, 2145

PAGE 288

A -

Corporate Author Index

- Agricultural Sciences Information Network 2252
 Alas Instructional Media Services, Inc. 1518
 Alabama
 Dept. of Education 1377
 Alan W. Fishburn Productions 905
 Alaska Area Native Health Service Nutrition & Dietetics Branch 53
 American Association for Health, Physical Education, and Recreation 60
 American Association of Junior Colleges 1015, 2195
 American Council on Education 1315
 1017, 2194, 2197
 Commission on Accreditation of Service Experiences 754
 Commission on Accreditation of Service Experiences 755
 Commission on Accreditation of Service Experiences 1018
 General Educational Development Testing Service 756, 1319
 American Dairy Association 442, 1440
 American Dental Association 61
 American Dietetic Association 715, 922
 1020, 1021, 1022, 2046, 2109
 American Heart Association 62, 53
 American Home Economics Association 1137, 1380, 2198, 2199, 2200
 American Hospital Association 757
 American Institute of Baking 1456, 2123
 Consumer Service Department 1472
 American Library Association 2201
 American Medical Association 1023
 Council on Foods and Nutrition 64
 American National Red Cross 1528
 American School Food Service Association 45, 59, 1024, 1025, 1209, 2299
 Arizona
 Dept. of Education
 Food and Nutrition Division 1383
 Dept. of Public Instruction
 School Lunch Division 69
 Arizona State University
 Dept. of Home Economics 1383
 Association for Educational Communications & Technology 1030
 Association for Educational Communications and Technology 2203
 Association of School Business Officials 2299
 Association of School Business Officials of the United States and Canada 761
 Atomic Energy Commission 81
 Audio-visual School Service 55, 1302
 Baltimore (County)
 Dept. of Engineering 1556
 Battelle Memorial Institute
 Pacific Northwest Laboratory 81
 California
 Association of Public School Business Officials 765
 Dept. of Education
 Food Service Office 101, 767, 768
 769, 1323, 1324, 1392, 1803
 University
 Food Protection and Toxicology Center 673
 Canadian Dietetic Association
 Nutrition Committee 473
 Canadian Library Association 2211
 Cereal Institute, Inc. 93
 Cereal Institute, Inc. 55
 Citizens Board of Inquiry into Hunger and Malnutrition in the United States 119
 Classroom World Productions, Inc. 1714
 Coca Cola Company
 Institutional Foodservice Division 1316
 College Entrance Examination Board 2274
 Colorado
 Dept. of Education
 School Lunch Division 778
 University 2218
 Committee on School Lunch Participation 1984
 COMPENETICS, Inc. 1082, 1223, 1495
 1503, 1514, 1599, 1704, 1705, 1706, 1713
 1720, 1724, 1778
 Connecticut
 University
 College of Agriculture and Natural Resources
 Cooperative Extension Service 126
 Continental Film Production Corporation 1709, 1726, 1727
 Continental Film Productions Corporation 1694
 Cornell University
 Graduate School of Nutrition 131
 School of Hotel Administration 795
 2221
 Council on Hotel, Restaurant and Institutional Education 1062, 1063
 Culinary Institute of America 1411
 Dairy Council of California 91, 92, 196
 198, 199, 210, 211, 240, 241, 584, 585
 600, 601, 1852
 DCA Educational Products, Inc. 377
 Delaware
 Dept. of Public Instruction
 State Nutrition Education Committee 137
 District of Columbia
 Dietetic Association 1071
 Home Economics Association 1071
 Douglas Film Industries 1551, 1552
 Dupont, de Nemours (E.I.) and Company 157
 E.P. Research, Inc. 1518
 Edmonds School District No. 15, Wash. 154
 Educational Testing Service 1079
 Eko Housewares Company 1469, 1551, 1552
 Encyclopedia Britannica Films, Inc. 456
 ERIC Clearinghouse on Vocational and Technical Education 1074
 Evaporated Milk Association 442, 1440
 1766
 Family Circle, Inc. 1088
 Florida
 Agricultural and Mechanical University
 Dept. of Home Economics 183
 Dept. of Education 820, 1094, 1425
 2001
 Food and Agriculture Organization of the United Nations 187, 1095, 2226
 Committee on Calorie Requirements 188
 Nutrition Division 2227
 Food Council of America 1088
 Food Research and Action Center 2005
 Gas Consumers Service 1583, 1584, 1585
 1586, 1587
 Georgia
 Dept. of Education 223
 Office of School Administrative Services
 School Food Services Unit 1105
 1334, 1436, 2309, 2310
 University
 Cooperative Extension Service 1717
 Great Plains National Instructional Television Library 315, 316, 317, 318
 319, 320, 321, 322, 323, 324, 325, 326
 Grocery Manufacturers of America, Inc. 227
 Groen Division/Dover Corporation 1580
 Guidance Associates 1044, 1045, 1137
 1173
 Hospital Research and Educational Trust 1272
 Indiana Bakers Association, Inc. 862
 Institute of Food Technologists 1697
 Institutions Magazine/Volue Feeding Management 1594, 1595, 1596, 2147
 Instructional Dynamics, Inc. 55
 Instrument Society of America 1127
 International Congress of Food Science and Technology, Ltd. London, 1962 258
 International Foodservice Manufacturers Association 2243
 Iowa
 Dept. of Public Instruction 1131
 1132, 1133
 State College of Agriculture and Mechanical Arts, Ames
 Agricultural Experiment Station 865
 Iowa State University of Science and Technology 1134
 Iowa State University Press 1315
 Irving, Texas
 Schulze Elementary School 408
 J. Lyons and Company 1786, 1787
 J. Lyons and Company, Ltd. 1718
 Kansas
 Dept. of Education 1138, 1139, 1140
 1341
 Division of School Administration
 School Lunch Section 869
 Kansas State University
 Dept. of Institutional Management 499
 Institutional Management Department 870
 Kansas
 Wheat Commission
 Foods and Nutrition Division 1454
 Kent State University
 Food Services Dept. 1142, 1143
 Kraft Foods
 Educational Dept. 122, 154, 1504
 Louisiana
 Agricultural Experiment Station 282
 Dept. of Education 283
 Maine
 University
 Cooperative Extension Service 25
 Marriott Training Consultants 28, 1424
 1491, 1534, 1610, 1690, 1710, 1730
 1755, 1762
 Massachusetts
 Dept. of Education 295
 Massachusetts Institute of Technology 289
 Massachusetts
 University 910
 Cooperative Extension Service 884
 885, 886, 1153, 1344, 1461, 1608
 1744, 2320, 2321, 2322, 2323, 2324
 2325, 2326, 2327, 2328
 McGraw-Hill Films, Inc. 34, 73, 105, 109
 McGraw-Hill Films, Inc. 200, 461, 582
 1237, 1385, 1408, 1423, 1435, 1442
 1468, 1479, 1481, 1485, 1493, 1494
 1498, 1515, 1516, 1538, 1543, 1700
 1703, 1731, 1785
 Midwest Regional Seminar for School Food Service Supervisors and Directors
 University of Wisconsin, 1971 306
 Minnesota Mining and Manufacturing Company
 Visual Products Division 78, 79, 80
 1101, 1419, 1463, 1539, 1765, 1769
 2148
 Minnesota
 University
 Agricultural Extension Service 309
 1747
 Missouri
 Dept. of Education 310
 Division of Health 311
 Missouri Home Economics Association 312
 Missouri
 State Dept. of Education 1161
 University
 Dept. of Practical Arts and Vocational-technical Education
 Instructional Materials Laboratory 1161
 Montclair State College
 Nutrition Education Service Center 1162
 Montgomery County
 Health Department
 Nutrition Services 2027
 Montgomery County, Maryland
 Health Dept.
 Nutrition Services 23
 Moreland-Latchford Productions, Ltd. 197
 Moreland-Latchford Productions, Ltd. 1462, 1701, 1702
 National Agricultural Library 2252
 National Association of College and University Food Services 776
 National Association of Meat Purveyors 2330, 2331

- National Audiovisual Center 1712, 1725
1729, 1732, 1743, 1756, 1759, 1763
1766, 1767, 1775
- National Dairy Council 27, 123, 141
143, 195, 219, 265, 275, 284, 330, 331
332, 333, 334, 335, 336, 337, 338, 339
340, 341, 342, 343, 344, 345, 346, 347
348, 349, 350, 351, 352, 353, 354, 355
356, 494, 496, 580, 644, 1167, 1168
1470, 1471
- National Education Association of the
United States 543, 2201
Dept. of Home Economics 1169
- National Education Media, Inc. 1736
1737, 1751, 1772
- National Educational Media, Inc. 765
813, 814, 924, 971, 972, 1388, 1390
1409, 1413, 1421, 1437, 1441, 1496
1501, 1502, 1506, 1535, 1733, 1734
1735, 1738, 1739, 1740, 1749, 1750
1770, 1771, 1773, 1774
- National Educational Television 271
- National Institute of Dental Research
357
- National Institutes of Health
Division of Research Resources 358
- National Learning Corporation 1170
- National Live Stock and Meat Board 698
- National Research Council
Agricultural Research Institute 1835
Food Protection Committee 1885
- National Restaurant Association 896
497, 498, 539, 900, 901, 902, 903, 904
906, 1310, 1316, 1695, 1716, 1783
1784, 2253, 2332, 2333
- National Sanitation Foundation 1614
1615, 1616, 1617, 1618, 1619, 1620
1621, 1622, 1623, 1624, 1625, 1626
1627, 1628, 1629, 1630, 1631
- National Sanitation Foundations 1632
- National School Public Relations Association
1171
- National 4-H Service Committee 315, 316
317, 318, 319, 320, 321, 322, 323, 324
325, 326
- New Hampshire
University
Cooperative Extension Service 1474
1475
- New Jersey
Dept. of Education
Vocational Division 362, 1174, 1175
- New Mexico
Dept. of Education 364, 365, 909
1176, 1177, 1178, 1348, 1639, 1752
2334
- New York State
Cornell Agricultural Experiment Station,
Ithaca 357
Dept. of Social Services 1180
Education Dept. 1181
- New York State College of Human Ecology
463
- Norman Pierce and Associates 1695, 1716
1783, 1788
- North Carolina
Board of Health 1753
Dept. of Community Colleges 370, 1183
1184, 1185, 1185, 1475, 1643
Dept. of Public Instruction 370, 1185
1186, 1476, 1543, 1644, 1753, 2335
- North Dakota State University
Cooperative Extension Service 371
- Northeast Regional Seminar for School
Food Service Supervisors, Pennsylvania
State University, 1971 372
- Northeast School Food Service Seminar:
Univ. of Massachusetts, 1970 310
- Nutrition Foundation 289, 401, 402, 403
404, 405, 406
- Nutrition Today 54, 220, 246, 259, 264
296, 387, 536, 534
- Ohio
Agricultural Experiment Station 438
439
- Ohio State University
School of Allied Medical Professions
Division of Medical Dietetics 911
- Oklahoma
Board of Education 1351
Dept. of Education
School Lunch Division 440, 1230
1201, 1202, 1203, 1352, 1478
Dept. of Vocational Education
Home Economics Division 440
- Oklahoma State University
Dept. of Food, Nutrition and Institutional
Administration 360
- Oregon
Board of Education 1206
Dept. of Education 1207, 1208, 1754
- Pan American Coffee Bureau
Coffee Brewing Center 1480
- Panel on Educational Innovation 2044
- Peat, Marwick, Mitchell and Company 919
- Pennsylvania
Dept. of Public Instruction
Bureau of Vocational, Technical, and
Continuing Education 1212
- Pennsylvania State Library 2212
- Pennsylvania State University
College of Human Development 372
- Perennial Education, Inc. 1452
- Perennial Education Inc. 240
- Perennial Education of California 211
- Perennial Education, Inc. 91, 92, 196
198, 199, 210, 241, 584, 585, 600, 601
- Photo Lab, Inc. 1789
- Pillsbury Company 2259
- Pilot Productions 1466
- Pilot Productions, Inc. 1459
- Pittsburgh
University
Graduate School of Library and Information
Sciences 2212
- Procter and Gamble
Photographic Dept.
Motion Picture Section 1310
- Puerto Rico
Dept. of Public Instruction
Division of Community Education 637
- University 1760
- Raybar Technical Films, Inc. 73, 109
- Raybar Technical Films, Inc. 34, 105
200, 461, 582, 1237, 1365, 1408, 1423
1435, 1442, 1468, 1479, 1481, 1485
1493, 1494, 1498, 1515, 1516, 1538
1543, 1700, 1703, 1731, 1785
- Reading, Eng.
University
Dept. of Food Science 2262
- Rice Council of America 1499
- Robert J. Brady Company 1272
- ROCOM 1082, 1223, 1495, 1503, 1514
1699, 1704, 1705, 1706, 1713, 1720
1724, 1778
- Sandler Institutional Films, Inc. 1152
- School Health Education Study 1229
- Single Service Institute 1664
- Society for Nutrition Education 1217
2265, 2266, 2267, 2268, 2269
- South Carolina
University
Malnutrition And Parasite Project
498
- Southeast Area Evaluation Project Committee
1247
- Southeastern Regional Seminar for School
Food Service Administrators, Univ. of Tenn., 1969 958
- Southeastern Regional Seminar for School
Food Service Administrators, University
of Tennessee, 1970 959
- Southwest Region School Food Service
Seminar, Kansas State University, 1971
499
- Southwestern Regional Seminar for School
Food Service Administrators, Oklahoma
State University, 1970 960
- Sterling Educational Films, Inc. 197
1701, 1702
- Sterling Educational Films, Inc. 1462
- Sunkist Growers, Inc. 467
- Tennessee
Dept. of Education
Division of Vocational Technical
Education 1259
- University
Agricultural Experiment Station 2075
- Dept. of Food Science and Institution
Administration 958, 959
- Texas A & M University
Agricultural Experiment Station 519
- Texas
Agricultural Experiment Station 518
2348
- Texas Tech University
School of Home Economics
Dept. of Home Economics Education
1261, 1262
- Texas
University
Division of Extension 1260
- The Association for Childcare Education
International 522
- The Culinary Institute of America 1013
- The New York Times 2274
- The Society of Data Educators 2275
- Toronto Nutrition Committee
Library Committee 2277
- Trainex Corporation 1102, 1114, 1446
1721, 1722
- U. S.
Food and Nutrition Service 919
- U.S.
Agency for International Development
2080
Office of Nutrition
Technical Assistance Bureau 532
- Agricultural Marketing Service 2351
- Food Distribution Division 1247
1275
- Agricultural Research Service 533
534, 535, 536, 537, 538, 539, 540
541, 543, 544, 545, 1524, 1526, 1678
2173, 2279, 2352, 2353
- Consumer and Food Economics Research
Division 542, 1525, 2171, 2172
2280
- Bureau of Commercial Fisheries
National Marketing Services Office
629
- Children's Bureau 546, 2281
- Congress
House 722, 723, 724, 725, 726
- Senate
Select Committee on Nutrition and
Human Needs 547, 548, 549, 727
728, 729, 730, 1954, 1955, 1956
- Consumer and Marketing Service 37, 38
731, 732, 943, 944, 2354
- Livestock Division 733, 734, 735
736, 737, 738, 739, 740, 741, 742
- Consumer Protection and Environmental
Health Service 1782
- Dept. of Agriculture 39, 40, 2356
- Economic Research Service 1527
1789, 2081, 2084, 2282
- Marketing Economics Division 1957
2082, 2083, 2355
- Office of Communication
Motion Picture Service 315, 316
317, 318, 319, 320, 321, 322
323, 324, 325, 326
- Office of Information 2283
- Science and Education Staff 550
- Dept. of Commerce
Joint Publications Research Service
1487
- Dept. of Health, Education, and Welfare
551, 552, 553, 554, 555, 2085, 2086
2356
- Dept. of Health, Education, and Welfare
Welfare Administration 1528
- Dept. of Labor 2087, 2284
- Dept. of the Navy
Bureau of Naval Personnel 1276
- Extension Service 99, 212, 226, 556
557, 558, 1277, 1278, 1279, 1280
1281, 1282, 1283
- Federal Panel on Early Childhood 2088
- Fish and Wildlife Service 2174
- Food and Nutrition Service 665, 985
1284, 1285, 1286, 1365, 1366, 1679
2089, 2090, 2091, 2092, 2175, 2176
2177
- Foreign Economic Development Service
2285
- Health Services and Mental Health Administration 559, 560, 561, 564
Community Health Service 986
- Maternal and Child Health Service
562, 563
- Interagency Committee on Nutrition
Education 395
- Manpower Administration 2286, 2287
- Office of Civil Defense 1528
- Office of Consumer Affairs 41
- Office of Economic Opportunity
Community Action Program 1287, 1288
2093, 2094
- Office of Education 565, 987, 1134
1290, 1291, 1292, 1293, 1294, 1295
1314, 2095, 2289, 2290, 2291, 2292
- Division of Vocational and Technical
Education 1289
- Office of the Federal Register 2288
- Public Health Service 566, 1712, 1725
1729, 1732, 1748, 1756, 1759, 1763
1764, 1767, 1775, 2227, 2293
- Communicable Disease Center 453
1746
- United Air Lines 828
- United Fresh Fruit and Vegetable Association
43, 44, 569, 570, 571, 666, 1959
2253, 2332, 2333, 2357, 2358, 2359
- Utah
Agricultural Experiment Station 574
- Board of Education
Division of School Food Services
1532
- Board Of Education

Division of School Food Services
 1933
 Board of Education
 Division of School Food Services 1681
 Dept. of Public Instruction 1367
 Utah State University
 Dept. of Food and Nutrition 592
 Vanderbilt University 577
 Vitamin Information Bureau 35, 581, 1302
 Walt Disney Educational Materials Company
 617, 618
 Wear-ever Aluminum Inc. 1305
 West Virginia
 Dept. of Education
 Bureau of Services
 School Lunch Branch 591
 School Food Service Association 2180
 Westat Research, Incorporated 2295, 2296
 Western Regional School Food Service
 Seminar, Utah State University, 1971
 592
 Westinghouse Learning Corporation 2295
 2296
 Willowbrook School District 2181
 Wisconsin
 University
 Cooperative Extension Programs 1001
 1313
 Dept. of Food Science 306

PAGE 271

Title Index

- The \$130 billion food assembly line (Filmstrip). 1789
- 'Meat and potatoes' and tacos, too!. 1969
- 'Quality first' at Texas AGU. 2298
- "...And we does it so easily and so well". 1670
- The "captive" employee unshackled. 749
- "Come, let us get closer to the fire so we may see what it is we are saying" - A dialogue on communication. 747
- A "fair" way to teach nutrition. 1311
- "KUPS" - A roadside utilization for P. problem solving. 743
- "Search and destroy" tactics work. 1593
- "Talk-Ins"---Summary of group reports: Role of the school food service in nutrition education. 46
- A.O.A. supports school food service in testimony before congressional committees. 570
- A.O.A. testimony on school lunch before House of Representatives' committee. 671
- The ABC's of frying...A profit primer: Breeding and better mixes; why throw away frying fats; in frying system is everything; frying equipment. 1373
- The ABC's of make-up air. 1547
- Acceptability of low-fat milk by school children. 750
- Acceptance of the school lunch program in Kansas. 1792
- Accidents don't happen (Filmstrip). 1694
- Accountability '73, food service style. 751
- Accounting practices for hotels, motels, and restaurants. 833
- Accuracy of 24-hr. recalls of young children. 49
- Action on teenage nutrition. 50
- Add 'canned' imagination to school lunches. 1319
- An administrator's view of school food service. 752
- Advanced menu planning. 1323
- Advances in food research: volume 13. 51
- Advances in food service equipment. 1548
- Advantages of a carburetor in coloring non-standardized dressings and spreads. 1790
- Advantages in nutrition education resources in--film workshops with Dairy Council, Inc. 1013
- Advantages in nutrition education resources no. 1 -- nutrition education resource materials presentation with emphasis given to the role of the School Food Service. 52
- Afri-Kingdom fried chicken system. 1374
- Aging and nutrition. 2257
- The air conditioning story: part 5. 1549
- Air curtains for entrances/exits in food establishments. 1525
- Air fare: a complete convenience system. 1375
- Air quality and the char broiler. 1550
- Akron schools get A for achievement with frozen type A lunches. 1376
- The Alaskan way. 1771
- Alcoholic malnutrition (Slides). 54
- Alexander's breakfast secret (Filmstrip). 55
- Alexis Saveri. 522
- All about cookware (Filmstrip). 1551
- All about knives (Filmstrip). 1552
- All benefit from handicaps' training. 1014
- All calories don't count - perennials. 56
- All the hot soup they want. 753
- Allied health education programs in junior colleges/1973. 2293
- Allura red - new food color offers greater brilliance and stability. 1771
- The allure of food fads and nutrition quackery. 57
- Almond strings from the well of the sea. 2107
- The American and his food. 633
- American House's learn to cook book. 2108
- American junior colleges. 2197
- American library directory 1970-1971. 2202
- American School Food Service Association blueprint for school food service and nutrition education. 59
- Amino acid content of foods. 539
- Amino acid fortification of protein foods. 482
- Analysis of tests used to evaluate a training program for food service personnel. 1141
- Anatomy of a satellite system: Wauwatusa Lunch Program. 1381
- The ancient melon peeps up modern menus. 623
- And then there were 171. 1026
- The angry flame: a fire protection message (Filmstrip/Record). 1695
- Animal feeding demonstrations for the classroom. 1168
- Animal protein---keystone of foods. 65
- Animals that give people milk. 344
- An annotated international bibliography of nutrition education. 2273
- ANSER questions Florida county systems. 1970
- An anthropologist views the nutrition professions. 66
- Applesauce can be perfect food for vitamin C fortification. 1792
- Application of a three-stage systems approach model for producing career awareness materials. 1027
- An application of instructional development in a state department of education. 1028
- Application of linear programming to menu planning by computer. 1320
- The application of nutrition information to persons trained in food service who do not have a dietitian as a continuous resource of nutrition information. 67
- Applying learning theory in teaching nutrition. 68
- Appraising managers as manager. 873
- Aptitudes in selection and training of food service personnel. 1029
- ARA sells a 'rainbow' lunch. 47
- Are prepack lunches the answer? 758
- Are U.S. dairymen overlooking potential of frozen milk concentrates market? 1793
- Are you a normal cook? 759
- Are your menu prices high enough? 760
- Around the menu with gas broilers. 1553
- Around the menu with gas-fired tilting braising pans. 1554
- Around the menu with steam cooking. 1384
- Around the nation...A professional's round robin of school food service. 1972
- The art of fish cookery. 2157
- The art of listening. 1165
- The art of motivating. 891
- Artificial and synthetic foods. 1557
- As others see us. 1973
- ASBO resolution affirms dedication to educational and food service needs of students. 48
- Assay of sodium ion content of frozen convenience foods. 1794
- Assaying the availability of iron - techniques, interpretations, and usefulness of the data. 70
- Associates of Look's hand book. 876
- At the threshold of attainment. 1974
- Attack on starvation. 635
- Attitudes of aides and clients in the expanded nutrition program. 71
- Attitudes toward the ban on cyclanates. 1
- Au gratin sandwiches are patron-displeasers. 2110
- Audio-visuals make employee training more effective. 1031
- Audiovisual workshop. 1032
- Austria. 2111
- Automated determination of protein-nitrogen in foods. 1795
- Automated materials handling, labor-saving equipment, and services of food service contractors are in school food service picture. 1555
- An automated simulation vehicle for school business administration accentuating computerized selective school lunch menu planning. 1362
- Automatic ice making equipment. 1616
- AV cataloging and processing simplified. 2244
- AV decision model. 1012
- Back-to-schoolers earn diplomas. 1033
- Bacterial contamination of food. 1696
- Bacterial food poisoning. 1744
- Baker boy manual: a guidebook for your retail operation. 862
- Baking a custard (Film loop). 1385
- Baking in the school lunch program. 1533
- Baking in the school lunch program. 1454
- A balanced diet (Film loop). 73
- Balanced nutrition through food processor practice of nutrition education: model experience in school food service. 74
- The Baltimore school lunch story. 1975
- Banquet and activity features. 1034
- Basal metabolic rate of women - an appraisal. 76
- Bases for vocational education for food service industry employees. 1134
- Basic course in emergency mess feeding. 1528
- Basic data on metabolic patterns in 7-to 10-year-old girls in selected Southern states. 533
- The basic four of work. 870
- Basic human nutrition and the RDA. 77
- Basic menu planning. 1207
- Basic menu planning. 1208
- Basic nutrition and diet therapy. 476
- Basic nutrition and menu planning. 370
- Basic nutrition in health and disease including selection and care of food. 248
- Basic principles of nutrition. 263
- Basic values in nutrition: part I: milk and meat group (Transparencies). 78
- Basic values in nutrition: part II: vegetable-fruit group (Transparencies). 79
- Basic values in nutrition: part III: bread-cereal group (Transparencies). 80
- Basics of adult motivation. 1035
- Be creative in nutrition education. 82
- The beanery. 2300
- Beef cooking rates and losses - effect on fat content. 84
- Beef: some answers. 1386
- Beginning menu planning. 1324
- The beginning of life (Filmstrip). 85
- Behavior modification in a self-help group - a pilot study. 85
- Behavior therapy in treating obesity. 87
- Behavioral and metabolic consequences of weight reduction. 88
- The behavioral cybernetic components of human nutrition. 89
- Behavioral objectives help teach nutrition. 1036
- Belgium. 2112
- The berries with bounce. 626
- The best investment we've ever made. 1557
- Better frozen product protection indicated in testing of poly-to-poly carton seals. 1797
- Better heat shock resistance and extrudability in ice creams with microcrystalline cellulose. 1798
- Better living through better eating. 23
- Better school lunches in Oklahoma. 1351
- Bibliography of hotel and catering operation. 2208
- Big specs ensure quality, lower costs. 2302

—

- — —

- Computers in education: relevance for occupational education. 1057
- Concepts of food habits of "other" ethnic groups. 125
- Conceptualizing the learning center. 1058
- Conference on guidelines for nutritional education in medical schools and postdoctoral training programs, June 25-27, 1972. 1023
- Confusing laws complicate marketing picture for new products. 579
- Conserving nutrients in handling, storing and preparing fresh fruits and vegetables. 2359
- Correcting the nutritive values in foods. 244
- Considerations in formulating and producing vegetable fat-based dairy substitutes. 1507
- Consumer behavior. 15
- Consumer considerations: deep-fried foods. 787
- Consumer education to minimize the abuse of foods. 4
- Consumer study shows preference for tomato paste in glass jars. 1810
- Consumers rate frozen cuts equal to fresh meat in flavor, juiciness. 788
- Containers. 1957
- Contemporary meal management. 1343
- Continuing education conferences. 1059
- Continuing education in nutrition. 1060
- Continuing education in nutrition-1970. 1071
- Contract clauses: Grievances. 789
- Contract food management: digesting the alternatives. 1421
- Contract foodservice--pros and cons. 790
- The contractor supplying a school food service package. 1945
- Contribution of certain nutrients added to foods to dietary intake. 127
- Contribution of hard water to calcium and magnesium intakes of adults. 128
- Control of ants, flies and mosquitoes (Film loop). 1795
- Control of rats and mice (Film loop). 1796
- Control of use of space and equipment. 1565
- Control patterns for the cooking battery. 791
- Convenience and fast food handbook. 1521
- Convenience and the cost of food. 9
- Convenience and the cost of potatoes and orange juice. 13
- A convenience compass. 1811
- Convenience food systems. 1402
- Convenience food systems: building food systems for the future. 1403
- Convenience food systems: open school selects bulk food system. 1404
- Convenience food systems: prepackaged lunch comes to school. 792
- Convenience food systems: raw-to-ready scale, key to modernization. 793
- Convenience food systems: Sacramento develops a self-convenience system. 1986
- Convenience food systems: vote "yes" on a convenience foods system? 794
- Convenience foods: factors affecting their use where household diets are poor. 129
- Convenience isn't enough in foods for the '70's. 1812
- Convenience--to use or not to use? 1405
- Conversion and packaging of food products for use where facilities and personnel are limited or non-existent. 1813
- Conversion factors and technical data for the food industry. 2259
- Conversion factors and weights and measures for agricultural commodities and their products. 2282
- Conveyor system speeds service in central kitchen. 1566
- Cook it with steam. 1405
- Cookery made simple. 1391
- The cookie can car. 1407
- Cooking a steak (Film loop). 1403
- Cooking and catering the wholefood way. 2118
- Cooking for food workers--a laboratory text. 1113
- Cooking for small groups. 2171
- Cooking in the kindergarten. 1051
- Cooking is fun. 1471
- Cooking techniques for broiler chickens. 1814
- Cooking the modern way with stainless steel steam-jacketed kettles. 1580
- Cooks: a suggested guide for a training course. 1290
- A Cool need for salads (Film loop). 1409
- Cooling it. 1567
- Coordinating nutrition education in school, home and community. 130
- Cost of finances in centralized food service systems. 796
- Cost of food at home. 11
- The cost of meats and meat alternates. 12
- The cost of milk and milk products as sources of calcium. 13
- Cost of raising a child. 14
- The cost of turkey, whole and parts. 2306
- Crackers fortified with fish protein concentrate (FFPC): nutritional quality, sensory and physical characteristics. 132
- Create your own good-neighbor policy. 797
- Creative approaches to problem solving. 798
- Creative approaches to type A menu planning in meeting current social needs. 1328
- Creative ways with soft serve. 2124
- Creativity in education and management. 799
- Criteria for the selection of records, filmstrips and films for young children. 1065
- A critical evaluation of in-service training for classified employees in selected educational organizations in the United States. 1246
- The crunch of crackers. 1410
- Cryogenic freezing comes of age. 1815
- Culinary lights from Latin America. 2125
- Cultural food patterns and School Food Service. 133
- The cup-can approach. 634
- Cup-can product guide. 2222
- Current demands on the School Food Service System. 1987
- Current saccharin actions place added stress on need for a non-nutritive sweetener. 1816
- The current status of saccharin. 1817
- Curriculum guide for food service instructional programs in Pennsylvania. 1212
- Curriculum guide for food service occupations. 1206
- Custard sauces made with four types of processed eggs. 1818
- The cyclical menu. 1344
- Dairy inspection and grading services. 732
- Data processing procedures for cafeteria accounting. 766
- Day care survey 1975. 2295
- Day care survey 1975. 2296
- Deep fat frying (motion picture). 1413
- Deep-fried snack food prepared from soybeans and onions. 1819
- Defatted germ flour - food ingredient from corn. 1820
- Defrost indicators. 1821
- Degradation of linoleic acid during potato frying. 136
- Dehydrated protein-fortified fruit juices. 1822
- Detergent and chemical feeders for commercial spray type dishwashing machines. 1821
- Detergents and our water. 15
- Detroit research shows two-bucket technique yields cleaner floors. 1568
- Developing a hospitality program in high schools. 1063
- Developing a product to make salads taste special. 1823
- Developing alternatives in nutrition education. 830
- Developing community support of nutrition education programs. 801
- Development aids: diverse product applications identified for unique flavored protein products. 1824
- Development aids: flavored, colored apple pieces offer route of distinction; school lunch entree formulations offered. 1825
- Development aids: recipes for replacing ground meat and poultry in school lunch items. 2124
- Development and consumer evaluation of soft-serve frozen desserts. 1826
- The development and evaluation of eight units of programmed instruction designed to teach basic nutrition. 1306
- Development and market evaluation of a tropical fruit product for a nutritious breakfast. 1827
- Development and product applications for a high protein concentrate from whey. 1828
- Development of a central commissary in industry. 802
- The development of a national nutrition policy. 680
- Development of an instrument to evaluate the effect of a school lunch training program. 1148
- The development of desirable school lunch accounting procedures. 763
- Development of evaluative procedures for assessing operational-efficiency of school food services. 847
- The development of three instruments to assess forces behind food habits and methods of change. 75
- Developmental dilemmas. 1067
- Dictionary of nutrition and food technology. 2204
- Diet and atherosclerosis. 139
- Diet and nutrition of preschool children in Honolulu - survey of low- and middle-income families. 140
- Diet as a regulator of metabolism. 141
- Diet healing: a case study in the sociology of health. 142
- Diet in early life in relation to atherosclerosis. 143
- Diet is not just a four-letter word. 1329
- Diet: the realities of obesity and fad diets. 144
- Dietary allowances - an international point of view. 145
- Dietary habits and food consumption patterns of teenage families. 146
- Dietary intake and physical development of Phoenix area children. 147
- The dietary iron controversy. 148
- Dietary levels for tri-city elementary school children. 81
- Dietary levels of households in the United States, spring 1965. 545
- Dietary protein quality in infants and children - VII. corn-soy-wheat scenario. 149
- Dietary studies of northern Utah pre-adolescent and adolescent children. 574
- Dietetic foods. 90
- Dietetic manpower trends in education and training. 1064
- The dietetic professional in the labor force. 1069
- Dietetic training '73. 1070
- Dietitian aides. 1262
- Diets of preschool children in the North Central Region: calcium, phosphorus, and iron. 150
- Diets of preschool children in the North Central Region: calories, protein, fat, and carbohydrate. 151
- Dinnerware. 1624
- Oil process for 10F fruit eliminates syrup but retains flavor, color of fresh. 1829
- Directing and communications in a central system. 1988
- Directions '73. 1830
- Directory of educational information centers. 2290
- Directory of films for data education. 2275
- Directory of foodservice designers. 2224
- Directory of information resources in agriculture and biology. 2252
- A directory of systems capability. 1569
- Dirty dirt--our mortal enemy. 1707
- Disadvantaged children. 94
- The disease of living. 152
- Dispensing freezers including recommendations for installation. 1628
- Disposables and disposability. 1708
- Diversity and experimentation pay off in progress: hospital food service the Kaiser way. 1330
- Documentation in education. 2210
- Does breakfast help? 1989
- The doggone truth about hot dogs. 153

- Doing better at work and play. 343
 Doing great things (Motion picture). 154
 Don't overlook business-connected personal tax deductions. 804
 The dramatic story of PKU. 155
 Drugs and nutrition. 155
 Dry onions. 666
 Dry sauces, soup mixes reap benefits of new ingredient: low moisture apple solids. 1331
 Dudley the Dragon. 61
 Dynamic "Think" sessions - Summary of brainstorming process. 1073
 The dynamics of marketing to dieters. 1331
 Dynamics of motivation. 405
 The dynamics of systems dialogue. 406
 The ease of working merchandising angle with mood food - new life for jaded menus. 1415
 Easy silk screen stencils. 1075
 Eating and drinking places industry. 2286
 Ecological pressures on nutritional resources. 407
 The ecology of malnutrition in Central and Southeastern Europe. 297
 The ecology of malnutrition in five countries of Eastern and Central Europe. 298
 The ecology of malnutrition in Northern Africa. 333
 The ecology of malnutrition in the French speaking countries of West Africa and Madagascar. 299
 The economics of food processing. 1656
 Edible containers. 1632
 Edible packaging jobs. 1833
 Educating the dietitian in a changing world. 1075
 Education and training for industry - volume 1. 1127
 Education directory. 2231
 Education directory, elementary and secondary education. 2259
 Education for dietitians: the In-Basket Technique. 1077
 Education in the seventies. 2292
 Education in the Soviet national development since 1900. 645
 Education increases consumption of vegetables by children. 157
 Educational attainment of U.S. population. 2225
 Educational directions. 1078
 Educational opportunity bank. 2044
 Educators' attitudes toward nutrition education in Florida. 1080
 The effect of a nutrition education program at the second grade level. 1081
 Effect of an instructional program upon complex cognitive behavior of food service workers. 1227
 Effect of diet and/or exercise on obese college women. 150
 Effect of fat content in cheddar, colby, and swiss cheeses on consumer preference. 535
 Effect of microwave heating on vitamin B6 retention in chicken. 161
 Effect of packaging methods on frozen asparagus. 1534
 Effect of packaging on quality of dehydrated potato granules during storage. 2317
 Effect of processing on provitamin A in vegetables. 1435
 Effect of storage and other variables on composition of frozen broccoli. 162
 Effect of storage and processing on sulfur dioxide in preserved fruit. 1536
 Effect of temperature and cut on quality of pork roast. 1416
 Effect of thawing and holding on acceptability of frozen pizzas. 1417
 Effective technical speeches and sessions. 2246
 Effects of an experiential training program for food service personnel. 1041
 Effects of frequency of eating - part 1. 163
 Effects of frequency of eating - part 2. 164
 Effects of microleaves on food and related materials. 165
 Effects of some new production and processing methods on nutritive values. 1837
 Effects of USDA commodity distribution program on nutritive intake. 1993
 Efficiency escalation in school lunch programs. 1418
 Egg solids: making the convenient more convenient. 1838
 Eggs (Transparencies). 1419
 The electric convection oven. 1570
 Electric steam-jacketed kettles run the gamut of seal production. 1571
 Elementary body mechanics (Film loop). 1082
 Elements of food production and baking. 1456
 Elements of supervision. 963
 Eliminating warmed-over flavor in precooked food. 165
 Emphasize product identity on labels. 681
 Employee training in food service establishments. 1153
 Encyclopedie moderne de l'hygiene alimentaire. 276
 ENEP evaluated. 1991
 Engineered foods--The place for oilseed proteins. 409
 Enrichment and fortification of foods. 1966-70. 167
 Enrichment facts for the consumer. 17
 Enzymes in food processing and products. 1972. 1986
 Equipment census: 1973 Institutions/VFM report on age, type and status of food-service equipment. 1572
 Equipment Guide for preschool and school age child service institutions. 1679
 Es to determine nutrient content of a type "A" lunch. Discu. 169
 Essential sub-systems 5: preparation processing - part 1. 1573
 Essentials of managerial finance. 998
 Establishing central school lunch kitchen in urban areas. 1527
 Evaluating the safety of food chemicals. 1886
 Evaluating training expenditures. 1083
 An evaluation of frozen food indicators now on the market. 1839
 An evaluation of research in the United States on human nutrition. 536
 An evaluation of research in the United States on human nutrition. 550
 An evaluation of the protein quality of a textured soybean product. 1961
 Evaluation of USDA food programs. 1995
 Everybody here loves children. 1996
 Everywhere that Mrs. Farley went... 1084
 The evolving payboard regulations. 810
 Examiner's manual for the tests of general educational development. 1019
 Exemption of students for first courses in food and nutrition. 1085
 Exercise testing and training of apparently healthy individuals. a handbook for physicians. 52
 Exercise, dietary intake, and body composition. 170
 The expanded food and nutrition education program. 171
 Expanding the conventional school food service program. 811
 Experiences in using management services. 812
 An experiment in integrating nutrition education into the elementary school curriculum [A case]. 1086
 The experts debate: the added enrichment of bread and flour with iron. 172
 Explanation of food composition tables and comparison of actual intake with recommended intake. 173
 Exploit new product technology. 1840
 Exploring different ways of meeting nutritional needs. 1341
 Exploring local resources. 1087
 Exploring the need for nutrition education. 174
 Explosion-puffed apples are commercially feasible. 1842
 Extended child-feeding projects will mean more use of FF. 1997
 Extruded snack attached to nutritional needs, and marketed to school age consumers. 1843
 Extrusion cooking of cereals and soybeans - part 1. 1844
 Extrusion cooking of cereals and soybeans - part II. 1845
 Eye of the supervisor (Film Loop). 813
 Eye of the supervisor (Motion Picture). 814
 Eye the potato for vitamin C. 1546
 Facilities for development: pilot plant dedicated to snack food research. 1574
 Facilities guide. 1644
 Fact and fancy in nutrition and food science - chemical residues in foods. 175
 Fact or fancy? 19
 Factors affecting student participation in selected Milwaukee, Wisconsin Catholic high school lunch programs. 2017
 Factors affecting the quality of sauces (gravy). 1420
 The fair pear. 2127
 Family fare. 542
 The family guide to better food and better health. 138
 Fashions in table coverings. 1575
 Fast sandwich making (Film Loop). 1421
 Fast-freezing the DU way. 2307
 Fat metabolism in children - Influence of dietary protein and calcium on serum lipids of pre-adolescent girls. 176
 Fats and heart disease. 177
 Fatty acids in foods served in a university food service. 175
 Fatty acids in newer brands of margarine. 179
 Fatty acids, cholesterol, and proximate analyses of some ready-to-eat foods. 180
 Favorite deep-fried fare. 517
 Favorite quantity recipes for type A school lunches, vol. 2. 2177
 FOA seeks simple, fast microbiological controls. 682
 FDA's quality assurance programs--tools for compliance. 683
 Federal aid, current status. 1999
 Federal funds for daycare projects. 2057
 Federal interagency day care requirements. 2088
 Federal library resources. 2295
 The Federal School Lunch and Social Milk Program in Tennessee. 2075
 Feeding America's children at school. 2001
 Feeding children. 181
 Feeding little folks. 332
 Feeding the child with a handicap. 562
 Feeding the elderly: the baby of school lunch. 2000
 FF industry must gain consumers' confidence in nutrition values. 15
 FF packers under the gun to meet nutritional labeling deadline. 684
 FF per capita consumption hits 72.9 lbs. a year. 815
 FF service companies vie for share of 5 million school lunch programs. 816
 Film and the media (Revolution). 1059
 Films help career guidance program. 1090
 Finding the correct retail package to introduce in unbelievable product. 1847
 Finger food industry-new life for jaded menus. 1422
 The finishing kitchen. 1686
 First foods. 1066
 The first year of a coordinated undergraduate program in food systems management. 1091
 Fish (Film loop). 1423
 Fish & seafood: where convenience soars the continents. 1648
 Fish and shellfish preparation (Film loop). 1424
 Fish Protein concentrate enrichment of noodles. 1849
 Fish-pondue/Nautilus culinaria. 2128
 Five important flavors and their uses. 636
 Five steps toward better small meetings. 1092
 Flavor secrets from foreign lands: Brazil. 2129
 Flavor secrets from foreign lands: Colombia. 2130
 Flavor secrets from foreign lands: Holland. 2131
 Flavor secrets from foreign lands: Jamaica. 2132
 Flavor secrets from foreign lands: North Italy. 2133
 Flavor secrets from foreign lands: Poland. 2134
 Flavor secrets from foreign lands: Puerto Rico. 2135
 Flavor secrets from foreign lands: Russia. 2136

- Flavor secrets from foreign lands: Jaszchman. 2137
- Flavor secrets from foreign lands: Turkey. 2138
- Films, film, and food (Film loop). 1709
- Floor care (Film loop). 1710
- Florida's expanded nutrition program. 2032
- The flourish of tableside cooking. 2139
- Focus group interview - reveals likes and dislikes for salad dressings, containers. 1850
- Focus on nutrition. 295
- Focus on nutrition...You can't teach a hungry child. 2. 154
- Focus on optimal development: improving child nutrition. 135
- Focusing on feeding kids. 2003
- Folicin in wheat and selected foods. 186
- Food. 426
- Food & word dictionary. 2223
- Food - the yearbook of Agriculture 1959. 39
- Food acceptance and nutrient intake of preschool children. 189
- Food additives. 1711
- Food aid: a selective annotated bibliography on food utilization for economic development. 2275
- F.J.O. aids needy children. 1998
- Food and beverage purchasing. 2315
- Food and care for dental health. 340
- Food and nutrient intake of children from birth to four years of age. 170
- Food and nutrient intake of individuals in the United States: spring 1965. 534
- Food and nutrition. 445
- Food and nutrition. 1241
- Food and nutrition education for mentally disturbed youth. 171
- Food and nutrition education in the primary school. 137
- Food and nutrition: a problem-centered approach. 1277
- Food applications for membrane ultrafiltration. 1351
- Food becomes you or better health through better nutrition. 279
- Food beliefs affect nutritional status of Malay fishermen. 192
- Food beverage industrialist & bibliography and guidebook. 2794
- Food buying. 1230
- Food buying guide and recipes. 2356
- Food crises: the teen-age girl. 422
- Food composition table for use in Africa. 2227
- Food composition tables for use in the Middle East. 2253
- Food consumption of low-income, rural Negro households in Mississippi. 193
- Food costs and the 40 thirvers. 821
- Food costs and the 40 thirvers. 822
- Food facts and fads. 194
- Food facts and fun with "Butter & Eggs". 227
- Food faddism. 175
- Food for a modern world (Motion picture). 195
- Food for a modern world (Videocassette). 1852
- Food for all school children: when? 2004
- Food for fitness. 537
- Food for groups of young children cared for during the day. 546
- Food for health: calories (Film loop). 197
- Food for life (Motion picture). 195
- Food for life (Videocassette). 197
- Food for Peace around the world. 2083
- Food for thrifty families. 554
- Food for tomorrow: resources, environment, distribution. 1885
- Food for you. 332
- Food for 50. 1429
- Food fortification: some visible and invisible cost considerations. 1353
- Food Guide & recipe book for the Drive to Serve Program. 2176
- Food guides (Film loop). 703
- Food guides: their development and use. 2224
- Food habits of low-income children in northern New York. 201
- Food habits of migrant farm workers in California - comparisons between Mexican-Americans and "Angels". 202
- Food habits: a selected annotated bibliography. 2229
- Food handling and food service examinations. 1149
- Food in antiquity. 628
- Food industry and FDA face food threat. 523
- Food information of homemakers and 4-H youths. 1096
- Food intake of infants attending well-baby clinics in Honolulu. 203
- Food is more than nutrients. 204
- Food labeling regulations. 685
- Food makes the difference. 2283
- Food microbiology: theoretical basis and popularized material. 205
- Food needs of family members. 1283
- Food pharmacology. 480
- Food pollution. 1876
- Food practices and preferences of some college students. 206
- Food preparation. 1278
- Food preparation. 1382
- Food preparation (Motion picture). 1712
- Food preparation for quality Type A lunches. 1532
- Food preparation for school food service personnel. 1436
- Food preparation specialist. 1183
- Food preparation: study course. 1414
- The food processing front of the seventies. 1854
- Food processing technology. 1291
- Food procurement for school food service. 1145
- Food product dating. 20
- Food purchasing. 2309
- Food purchasing guide for group feeding. 2352
- Food purchasing practices. 2348
- Food purchasing practices of young families. 207
- Food purchasing: study guide. 2344
- Food quality - a focus for togetherness for food scientists and nutritionists. 205
- Food quality evaluation--a learning technique. 1097
- Food retailers help teach food buying. 21
- Food sanitation. 1719
- Food sanitation: study course. 1728
- Food science. 112
- Food science. 362
- Food science & technology, volume III. 258
- Food science and how it began. 334
- Food science and human nutrition. 1094
- Food science education. 1099
- Food science programs. 1100
- Food science: a chemical approach. 213
- Food selection and service (Transparencies). 1101
- Food selection for good nutrition in group feeding. 541
- Food services. 1161
- Food service employees. 1261
- Food service equipment and furnishings. 1627
- Food service equipment industry. 624
- Food service for the Army and Air Force. 973
- Food service in industry and institutions. 970
- Food service in institutions. 997
- Food service in private elementary and secondary schools. 2082
- Food service in public schools. 2083
- Food service in the nation's schools: a preliminary report. 2084
- Food service management. 624
- Food service management. 1184
- Food service managers locate FF easily: it's making a choice that's difficult. 1426
- Food service manual for health care institutions. 757
- Food service orientation (Film loop). 1102
- Food service planning. 1605
- Food service refrigerators and food service storage freezers. 1632
- Food service selling. 1260
- Food service supervisor-school lunch manager. 1274
- A food service supervisor's course on a college campus. 1180
- Food service systems schiavement at Pittsburgh national building. 825
- The food service worker (Film loop). 1713
- Food service: teachers guide. 1174
- Food storage guide for schools and institutions. 2354
- Food study manual. 1394
- Food systems are providing hot lunches for Massachusetts school children. 1427
- Food to follow through. 2006
- Food training routines. 1142
- Food training routines II. 1143
- Food use and potential nutritional level of 1,225 Texas families. 519
- Food use by the foodservice industry. 826
- Food use by the foodservice industry. 2230
- Food uses of triticale. 209
- Food values and calorie charts. 2271
- Food values of portions commonly used. 2216
- Food yields summarized by different stages of preparation. 1524
- Food--Feeding--Understanding. 827
- Food--life depends on it. 1103
- Food-borne illness. 1744
- Food-borne illness: cause and prevention (Slides). 1714
- Food, energy and you (Videocassette). 210
- Food, energy, and you (Motion picture). 211
- Food, hands, and bacteria. 1717
- Food, nutrition and diet therapy. 274
- Food, science, and society. 401
- Food: proteins for humans. 58
- Foods for teens: snacks that count (Shew-N-Tell). 212
- Foods of the future. 1855
- Foodservice industry mounts crusade to conserve natural gas. 22
- Foodservice lexicon. 2231
- A foodservice system that works. 828
- Foodservice systems that work. 629
- Foodservice trends to on-premise laundries. 1715
- Forced convection roasting at 200 degrees and 300 degrees F. 1424
- Formulating low calorie foods with carbohydrate gums. 1856
- Fort Wayne, Indiana: community schools--A system for the future. 2007
- Fortified foods: the next revolution. 1857
- Fortifying soft drinks with cheese whey protein. 1858
- Forty new wars for school feeding. 1576
- Forum: Voluntary food standards. 686
- Foundation course. 1105
- A foundation for in-service success. 1104
- Fountain of life and hope (Motion picture) (Spanish). 637
- Franchising in perspective. 430
- Frankfurt without nitrates or nitrites. 1859
- The freezerload: foodservice pest control (Filmstrip/Record). 1716
- The freezers that stay put in the cold. 1577
- Freezing activates temperature device which warns of product mishandling. 1860
- Freezing combination main dishes. 1526
- The freezing preservation of foods. 2350
- Frequency of feedings: weight reduction, and body composition. 214
- Frequency of feedings: weight reduction, and nutrient utilization. 215
- Fresh beef ads and product names. 531
- Fresh from the West. 2308
- Fresh vegetable cookery...Stockill's "spit-and-fare". 1430
- From Colorado: get the most out of summer feeding. 2008
- From New England - menu and merchandising notes. 2140
- From the bounty of California. 1432
- From the Great Midwest. 1431
- From the Mediterranean, salad nicolsa. 2141
- Frozen dinner nutritional contents equated with government guidelines. 687
- Frozen entrees for everyone? 1332
- Frozen food standards and regulations--an industry view. 688
- Frozen foods in food service establishments. 1461
- Frozen foods participate in organic foods boom. 1661

- Frozen meals, individually prepared in foil packs, cut costs by 35%. 1433
 Frozen pre-plated meals solve problem of feeding underprivileged pupils. 1434
 Frozen, precooked rice shapes suitable for all markets. 1442
 Fruit and vegetable acceptance by students - factors in acceptance and performance. 215
 Fry away to profits: Don't let your fry kettle idle! 2142
 FS/L English. 1147
 Fuel puzzle: Basic 4: oil-r-4-meal. 371
 Fulfilling the scientific community's responsibility for nutrition and food safety. 217
 Fun with food facts. 137
 Functional warehousing with infested worms. 1575
 Functional properties of carbohydrates. 215
 Functions and interrelationships of vitamins. 214
 Further processed, precooked frozen meats growing it better than 20% annually. 1363
 The future of the food industry. 1364
 Gain menu prestige with pork. 1333
 Gallup counts the calorie counters. 832
 Gallup determines potato popularity. 833
 Gallup examines the sauce scene. 834
 Gallup finds broad acceptance for International seafood specialties. 835
 Gallup measures popularity of international cuisines. 835
 A Gallup overview of the changing customer - a Gallup synopsis. 837
 A Gallup overview: how scans the "like meal a day" structure. 838
 Gallup pinpoints taste for fresh citrus fruits. 839
 Gallup survey - a case for vegetable variety. 840
 Gallup survey - have patrons accepted disposables - absolutely or conditionally? 1579
 Gallup survey - what everyone calls "cotton-soft". 841
 Gallup survey-the "take-out" migration. 842
 Gallup surveys the breakfast cereal bowl. 843
 Gancel's culinary encyclopedia of modern cooking. 2233
 Gastrointestinal absorption (Slides). 229
 Gefitin sold (Film loop). 1435
 General factors affecting college canteen food preferences, habits, and intake. 222
 General teacher references. 2265
 Genetic improvement of crop foods. 1565
 Germs from raw food (Slides). 1715
 Getting more school lunch into kids. 1335
 Getting participation in films. 1106
 Getting the most for your media dollar. 1. 1107
 Getting the most for your media dollar. 2. 1108
 Give them a surprise. 1335
 Give your eggs a break (Film loop). 1437
 Glorious, jettisoned focus on foods and L. 1415
 Goal setting. 1137
 Good food works for you (know n° Tell). 225
 The good foods book. 53
 Good references on day care. 2231
 The gourmet gallery: a food odyssey. 844
 The government's role in quality assurance. 859
 Granting credit for service school training. 1315
 The great American menu mix. 1439
 The great nutrition puzzle. 103
 The great vitamin mystery. 337
 Ground beef: awkward to far-away eating (Filmstrip). 1444
 Group work sessions: listening guide for integrating nutrition education into the program. 845
 Growth of preschool children in the North Central Region. 225
 Growth through new ventures. 845
 Guide for course of study for cook (hotel and restaurant) entry. 1257
 A guide for planning food service in child care centers. 2231
 Guide for training school lunch personnel. 1351
 Guide for warehousing. 2351
 The guide to convenience foods. 2143
 Guide to federal consumer services. 41
 A guide to food programs in Montgomery County. 2027
 Guide to foodservice management. 776
 A guide to food eating. 354
 A guide to nutrition and food service for nursing homes and homes for the aged. 566
 A guide to nutrition and food service for nursing homes and homes for the aged. 566
 A guide to nutrition terminology for indexing and retrieval. 2276
 A guide to the evaluation of educational experiences in the armed services. 1017
 A guide to the selection, combination and cooking of foods. 1500
 Guidelines for hospitality education in junior college. 1015
 Guides for writing and evaluating quantity recipes for Type A school lunches. 2175
 H.R. 1654 - a bill to amend the Fair Packaging and Labeling Act to require certain labeling to assist the consumer. 725
 H.R. 7434 - a bill to extend and amend the Child Nutrition Act of 1966. 724
 H.R. 9275 - a bill to extend and amend certain provisions of the Child Nutrition Act and of the National School Lunch Act. 722
 A half century of changing food habits among Japanese in Hawaii. 231
 The hamburger sandwich (Film loop). 1441
 Hamburgers (Film loop). 1442
 Hamburgers and cookies and bananas and chicken and sweet potato cake and milk shakes and brownies and marshmallows and bacon and... 1337
 Handbook for official CEC Centers. 750
 Handbook of diet therapy. 531
 Handbook of food preservation. 1380
 Handbook of household equipment terminology. 2200
 Handbook of nutrition. 64
 Handbook of twenty consecutive menus as submitted by Utah districts. 1367
 A handbook on quantity food management. 1512
 Handling fresh frozen cut-up chickens. 2311
 Handling, transportation, and storage of fruits and vegetables. 2345
 Handwashing procedures (Film loop). 1720
 Head Start: A child development program. 2085
 Health education - a conceptual approach. 1229
 Health education guide. 310
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 727
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 723
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 729
 Hearings, Ninety-second Congress, first session, on nutrition and human needs. 730
 Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1954
 Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1955
 Hearings, Ninety-second Congress, second session, on nutrition and human needs. 1956
 The heart of the matter - a matter of opinion. 233
 The Heinz handbook of nutrition. 234
 Hello U.S.A. 844
 Help for malnourished children in Latin America. 235
 Help wanted: career ladders turn dead-end jobs into career opportunities. 1111
 Help! - convenience food resort Aug 1. 2235
 Helping older persons meet their nutritional needs. 236
 Hemoglobin and folate levels of pregnant teenagers - relationships to dietary levels. 237
 Heroes & submarines - new life for Jaded menus. 1443
 Hide the liver!. 1444
 High protein food developed for school children. 1867
 High school lunch program - a model for decision analysis. 1994
 Holding roast beef by three methods. 1445
 Home economics research abstracts: 7: food and nutrition. 2198
 Home economics research abstracts: 2: institution administration. 2199
 Home study courses for food service employees - an Iowa program. 1112
 Hospital cooks correspondence course (in-service training plan) 1969. 1113
 Hospital dishwashing (Film loop). 1114
 Hospital food handling (Film loop). 1446
 Hospital food sanitation. (Film loop). 1721
 Hospital kitchen safety (Film loop). 1722
 Hospital study of patient feeding on single service. 1664
 Hot beverage systems. 1581
 Hot breads, a profitable "extra". 1447
 Hot lunches are within easy reach. 1448
 Hotel and restaurant administration and related subjects. 2221
 Hotel and restaurant administration and related subjects. 2236
 The hotel and restaurant business. 642
 Household equipment. 1649
 Household food spending affects diet adequacy. 239
 How a hamburger turns into you (motion picture). 240
 How a hamburger turns into you (Videocassette). 241
 How Americans use their dairy foods. 27
 How can we solve malnutrition in the U.S.? 242
 How children grow. 358
 How electric convection ovens span the "raw-to-ready" scale. 1582
 How much do they want? 350
 How much does an employee really cost? 351
 How nutrition affects learning and behavior. 243
 How nutrition affects the central nervous system. 244
 How nutrition relates to learning. 245
 How patrons are lured to individual eating establishments. 352
 How professional are you? 1115
 How the District feeds its kids. 2037
 How the fresh fruit and vegetable marketing system contributes to optimum nutrition. 570
 How to apply systems analysis to your preparation/processing sub-system. 853
 How to brief people. 1116
 How to buy for school lunch. 2334
 How to buy poultry. 40
 How to capitalize on student food preference patterns. 354
 How to diagnose nutritional deficiencies (Slides). 246
 How to forecast school enrollments accurately - and years and years ahead. 2237
 How to get better service from your gas broiler. 1583
 How to get better service from your gas fryer. 1584
 How to get better service from your gas oven. 1585
 How to get better service from your gas range. 1586
 How to get better service from your steamer. 1587
 How to get into the news. 355
 How to get maximum service from gas appliances. 1588
 How to get OJF started on the right foot. 1117
 How to get ready for your next accident. 1723
 How to lay your hands on information. 2238
 How to make a better fish sandwich. 1449
 How to make classroom discussions work. 1118
 How to manage a restaurant or institutional food service. 969
 How to organize training information. 1119

- How to prepare and bread fish and beef-
eggs. 1450
- How to purchase for school lunch. 1176
- How to purchase for school lunch. 1177
- How to push a good thing. 856
- How to relieve the chronic labor shortage
with electric stoves and cookers. 1539
- How to select and care for service-
teasels, cleaning compounds. 1607
- How to serve 6000 Blue Collar workers.
1451
- How to set a table/1972 fashions. 1590
- How to start a breakfast program. 2010
- How to train a fry chef. 1120
- How up-to-date is your nutrition knowl-
edge. 247
- How we started students on successful
foodservice careers. 1239
- How we take care of our teeth. 331
- How your body uses food. 353
- Human nutrition and dietetics. 135
- Human relations training - new value from
a neglected technique. 1121
- Hunger and malnutrition - whose responsi-
bility? 249
- Hungry J.S.A. 119
- Hurry for the clockwork orange! 1452
- I. Nutrition programs of ICNE member
agencies. 2012
- Ice cream. 925
- Ice cream cocktails: a profit potential.
2144
- The ideal concept---A systems approach
to school food service problems. 857
- Ideas for promoting participation. 858
- Ideas that go. 2145
- Identification and control of roaches
(Film loop). 1774
- Identification of communication problems
in organizations. 359
- Identifying and controlling product qual-
ity attributes - using preference taste
panels. 1558
- If we had eggs, we could have had and eggs
- if we had eggs. 2005
- If you want to beautify America, feed a
child. 250
- IFEC tackles nutrition labeling. 691
- The IFPA encyclopedia of the foodservice
industry. 2243
- II. Consumer specialists of the Food and
Drug Administration. 2239
- The impact of convenience food systems on
the working environment. 860
- The impact of school food service, its
value to education and its future.
2013
- The importance of accurate wiring - part
2. 1591
- The implementation of a simplified insti-
tute food service system. 1592
- Implications of changing food needs for
nutrition educators. 251
- Implications of population trends for
quality of life. 2240
- Implications of the National nutritional
study. 2241
- The importance of protein in the meatless
meal. 252
- An important aid to the dish machine -
the electric booster water heater.
1593
- Improvement of personnel through testing,
interviewing, orienting, training and
evaluating - part 2. 1024
- Improving nutrient content of foods ser-
ved. 251
- Improving nutrition in less developed
areas. 254
- Improving the nonverbal dimension of
communication. 1123
- In behalf of breakfast. 2014
- In case merchandising, easy does it!
1453
- In defense of body weight. 255
- Increasing employee productivity and
reducing turnover. 861
- Increasing iron in food & lunches. 1338
- Independent buyers prove sales advantage
of nutritional enrichment. 1659
- Indonesian rice of 1970. 2146
- Industrial security management. 845
- An industrial view of nutritional label-
ing and nutrition education. 592
- Industry focuses on malnutrition. 255
- Industry-wide response to the "raw-to-
ready" scale. 853
- Industry's struggle with world malnutrit-
ion. 354
- Influence of nutrition education on fourth
and fifth graders. 1124
- Ingredient labeling. 693
- Innovation vs nutrition as the criterion
for food product development. 1670
- Innovations in nutrition education: Prog-
rams and methods. 1125
- Innovative approaches to nutrition educa-
tion and related management processes.
499
- The innovative diffusion center: a poten-
tial concept to accelerate educational
change. 2242
- Innovative management for the expanding
school food service program. 910
- Innovative techniques for teaching nutri-
tion. 1126
- Input/output - the commissary system.
2312
- Inspection, labeling, and care of meat
and poultry. 38
- An instant recall encyclopedia...Dessert-
o-rani '72. 1339
- Institutional meat purchase specificati-
ons. 734
- Institutional meat purchase specificati-
ons for cured, cured and smoked, and
fully cooked meat products--series 500.
741
- Institutional meat purchase specificati-
ons for cured, dried, and smoked beef
products--series 600. 740
- Institutional meat purchase specificati-
ons for edible by-products--series 700.
739
- Institutional meat purchase specificati-
ons for fresh beef--series 100. 737
- Institutional meat purchase specificati-
ons for fresh lamb and mutton--series
200. 738
- Institutional meat purchase specificati-
ons for fresh pork--series 400. 733
- Institutional meat purchase specificati-
ons for fresh veal and calf--series
300. 742
- Institutional meat purchase specificati-
ons for portion-cut meat products--
series 1000. 735
- Institutional meat purchase specificati-
ons for sausage products--series 800.
736
- Instructional materials. 1312
- Instructional television facilities.
1314
- Instructor's guide for presenting equip-
ment use and care. 1643
- Instructor's outline for foundations of
school food service. 1094
- Integral heating system reconstitutes
frozen meals in 15 minutes. 1871
- Integrated nutrition and food cost control
by computer. 1340
- Integrating nutrition education into the
school curriculum. 1128
- Integrating nutrition into the nursing
curriculum. 1129
- Interactions of nutrients with oral con-
traceptives and other drugs. 257
- Intern develops cox-helper test. 1130
- Intern researches disposable trays. 1597
- Interpreting a recipe (Transparencies).
2144
- Intestinal malabsorption (Slides). 259
- Intra-State group meeting to discuss
alternatives. 260
- Introduction of DJ-related products strikes
some sour notes in industry. 1872
- Introduction to foods and nutrition. 503
- Introduction to nutrition. 182
- Introduction to professional food service.
1053
- Introduction to the Seminar. 638
- Introductory foods. 1164
- Iron absorption by adults fed mixtures of
rice, milk, and wheat flour. 261
- Iron content of some Mexican-American
foods - effect of cooking in iron,
glass, or aluminum utensils. 262
- Iron deficiency in rural infants and
children. 263
- Iron metabolism (Slides). 264
- Iron-deficiency anemia in infants and
preschool children. 265
- Iron, blood, and nutrition. 266
- The irony of affluence-adult nutrition
problems and programs. 267
- Is education meeting the nutrition chal-
lenge of today---what should be done.
268
- Is school lunch 25 years behind? 866
- Is there need for change? Round table
discussion. 1135
- Is your cold storage adequate? 2313
- Is your fry kettle capacity adequate?
1598
- Is your kitchen obsolete? 1599
- Is your kitchen obsolete? 1600
- Is your kitchen obsolete? 1601
- Is your kitchen obsolete? 1602
- Is your oven capacity adequate? 1603
- Isolation from mixed culture (Motion
picture). 1725
- It all begins as breakfast. 269
- It can be done. 1136
- It can happen here (Filmstrip). 1726
- It can happen here (Motion picture).
1727
- It's multipurpose!. 1604
- The Italian invitation. 2149
- Jane and Jimmy learn about fresh fruits
and vegetables. 569
- Jazz up winter menus. 2150
- Jemez Pueblo discovers the cup-can. 2015
- Jobs for you: It's happening in home
economics (Filmstrip). 1137
- The Joule - unit of energy. 270
- Journey into nutrition (Motion picture).
271
- Kansas school lunch menu planning book.
1971-72. 1341
- Kansas State develops dry mix for yeast
bread. 1455
- Keep clean, stay well (Motion picture).
1729
- Keeping your cool (Film loop). 1730
- Key component of operational sub-system
5: steam preparation equipment. 1605
- Key nutrients. 1279
- The key to survival and growth. 1144
- Kids are eating "airline" lunches. 1457
- Kids run a restaurant drive-in style.
1145
- Kindergartners make friends with school
lunch. 2016
- The kitchen (Film loop). 1731
- Kitchen habits (Motion picture). 1732
- Kitchen safety: Preventing burns (Film
loop). 1733
- Kitchen safety: Preventing burns (Motion
picture). 1734
- Kitchen safety: Preventing cuts and strai-
ns (Film loop). 1735
- Kitchen safety: Preventing cuts and strai-
ns (Motion picture). 1736
- Kitchen safety: Preventing falls (Motion
picture). 1737
- Kitchen safety: Preventing fires (Film
loop). 1738
- Kitchen safety: Preventing machine injur-
ies (Film loop). 1739
- Kitchen safety: Preventing machine injur-
ies (Motion picture). 1740
- Kitchen standards for the Board of Educa-
tion of Baltimore County. 1556
- Kitchen tool school. 1305
- Kraut's winning ways. 2151
- Kubelka-Wink colorant layer concept.
1873
- L.A. kids get hot meals this summer;
their grandparents get something, too.
2014
- Labeling standards and some uses of seal
analogs in new meat products. 694
- Labels that tell you something. 24
- Laboratory handbook of methods of food
analysis. 277
- Lactose intolerance. 275
- Laminated plastics for surfacing food
service equipment. 1623
- Larousse gastronomique. 2250
- Layout, equipment, and work methods for
school lunch kitchens and serving il-
lness. 1678
- Leader's handbook for a nutrition and
food course. 555
- Learning for earnings: new opportunities
for asychek education. 1295
- Learning resources: AV or library? 2245
- Legal developments: FDA releases labeling
regulations. 695
- Legal requirements for food safety. 696
- Let's cook fish. 2174
- Let's make nutrition education exciting.
278
- Let's play detective. 1150
- Let's take milk apart. 350
- Let's tell it like it is!. 875
- The lettuce lesson. 2316

- Lettuce--the salad staple. 541
Una librería de enseñanza alimentaria para las familias que desean economizar. 557
Linear programming controls bring acid balance in food nutrition. 230
Lipids and flavor development in some Italian cheese varieties. 1874
Lipid components of type A school lunches. 251
The long view. 1151
Looking at nutrition 12 ways. 571
Low productivity, the foodservice lipdown. 577
The lunch bunch study. 131
The lunch bunch study. 2319
Lunch programs in the nation's schools. 2381
Lunch-room etiquette (Motion picture). 1152
The magic of saffron. 1450
Magnesium in human nutrition. 254
Major mineral elements in dairy products. 256
Major mineral elements in type A school lunches. 255
Majority of administrators unperturbed by school lunch criticisms. 2020
Making cafeteria work. 379
Malnutrition - its causation and control. 477
Malnutrition and intestinal parasites. 493
Malnutrition and its social implications. 237
Malnutrition in the United States. 288
Malnutrition, learning, and behavior. 239
Man and food. 455
Man as a patient. 730
Man-machine productivity of dishwashing operations in hospitals. 850
Man, health, and environment. 230
Management aspects of school lunch programs in Iowa. 355
Management function of a centralized school food service system. 959
Management functions for state and system level school and non school food service administrators. 953
Management functions of school and non school food service. 531
Management I. 1291
Management annual, from A lunch. 869
Management needs better understanding of food service potentials in planning and using efficient food service facilities. 857
Management of food service. 820
The management of people in hotels, restaurants, and clubs. 375
Management procedures and records. 767
Managerial accounting for the hospitality service industries. 813
Managing change in food service operations. 533
Mandopow report of the President. 2254
Manual food and beverage dispensing equipment. 1617
A manual for emergency mass feeding indoors. 1474
Manual for the education of the food service supervisor--part one of two-part series. 1322
Manual for the education of the food service supervisor, part one of two-part series. 1070
A manufacturer looks at food safety. 1875
Market category: school lunch programs. 7319
The market for food in the nation's schools. 2355
Marketing in action for hotels, motels, restaurants. 957
Marketplace: new business in school lunches. 2321
Marketplace: recreation. 2022
The Massachusetts school lunch nutritional study. 2023
The master of science program in nutrition. 1154
The master's program in public health nutrition. 1155
Materials and methods in nutrition education. 133
Materials for occupational education. 2253
Materials for use in special food service summer recreation training program. Summer 1972 - training program sponsors. 1236
Materials for use in special food service summer recreation training program. Summer 1972 - training site supervisors. 1284
Maternal nutrition (Slides). 296
Math workbook - food service/lodging. 1064
Maximizing pre-portioned meats. 1345
Meal management. 1342
Meal planning. 1282
Meal requirements for lunch programs offer flexibility. 697
Meals for the elderly. 2024
Meals on wheels in Calgary. 2025
The measurement of meat color. 1377
Measuring and taring cooking (Film loop). 1462
Measuring the color of foods. 303
Meat buyer's guide to portion control meat cuts. 2330
Meat buyers' guide to standardized meat cuts. 2331
Meat evaluation handbook. 598
Meat patties chosen first product to gain nutritional, textural advantages of new protein fiber. 1878
Meat purchasing. 2329
Meat purchasing (Film loop). 26
Meat selection and preparation (Transparencies). 1463
The media bureaucracy. 887
Media units grow into service centers. 2248
Meeting future needs. 1879
The men in charge - the government nutrition programs. 2026
Menu design - merchandising and marketing. 1358
Menu planning. 1334
Menu planning book. 1352
Menu planning for school lunch, August 11-14, 1969. 1178
Menu planning for school lunch, August 11-14, 1969. 1345
A menu planning guide for breakfast at school. 1365
A menu planning guide for type A school lunches. 1365
Merchandising school lunch. 1464
The message is you. 1030
The message is you. 1156
The message is you - guidelines for preparing presentations, part three. 1157
The message is you, part II. 1158
Metabolic effects of meal frequency on normal young men. 304
Methods and kinds of nutrition education (1961-72): a selected annotated bibliography. 2249
Methods for analyzing operations in school food service. 888
The metric question - expect new packages, trade shifts. 1880
Mexican-American food items in the Tucson-Arizona school lunch program. 1990
Microbiology of frozen cream-type plus frozen cooked-peeled shrimp and dry food-grade gelatin. 305
The microbiology of frozen vegetables. 1745
Microfragrance. 1881
Microwave adapter permits frozen foods in foil containers to heat in minutes. 1832
Microwave cooking in meal management. 1465
Microwave vs. conventional cooking of vegetables at high altitude. 1883
Microwaves: the ultimate means for providing short order service at fantastic speeds. 1609
The mid-life crisis. I. 889
Milk and milk products in human nutrition. 273
Milk and public health (Motion picture). 1746
Milk drinking by the lactose intolerant - comparison of Caucasian and Oriental adults. 307
Milk in family meals. 2172
Milk information sheet. 355
Minerals and body structure. 308
Minority views dining ground or opportunity? 1160
Miscellaneous small equipment (Film loop). 1610
Model kitchen at Wausaukee. 1611
Models for control of nutritive content of menus planned by computer. 1346
Modern dairy products. 640
Modern food analysis. 232
Modern sandwich methods (Filmstrip/Phonodiscs). 1466
Modern tilt toward a complete cooking center. 1612
Modification of food habits. 313
Modification of vegetable-eating behavior in preschool children. 314
Module heats 24 different types FF, meals separately, simultaneously. 1613
Money-saving main dishes. 2173
Monosodium glutamate: the myth and the matter. 1854
The more effective school food service supervisor in the larger job. 690
More milk please. 335
Morning menus. 1347
Mothercraft Centers combine nutrition and social sciences. 2028
Motivation and productivity. 892
Motivation: the importance of being earnest. 393
The mouse and the astronaut. 894
Mouse toxin--neutralization test (Motion picture). 1748
Mr. Dish machine operator (Film loop). 1749
Mr. Dish machine operator (Film loop) (Spanish). 1750
Mr. Dish machine operator (Motion picture). 1751
Muffins (Film loop). 1468
Mulligan stew: Count down 4-4-3-2 (Motion picture). 315
Mulligan stew: Count down 4-4-3-2 (Videotape). 316
Mulligan stew: Getting it all together (Motion picture). 317
Mulligan stew: Getting it all together (Videocassette). 318
Mulligan stew: Look inside yourself (Motion picture). 319
Mulligan stew: Look inside yourself (Videocassette). 320
Mulligan stew: The film-film man (Videocassette). 321
Mulligan stew: The film-film man (Motion picture). 322
Mulligan stew: The great nutrition turn on (Motion picture). 323
Mulligan stew: The great nutrition turn on (Videocassette). 326
Mulligan stew: The racer that lost his edge (Motion picture). 324
Mulligan stew: The racer that lost his edge (Videotape). 325
Multidisciplinary approach to the problem of obesity - sixth Martha F. Truison Memorial Lecture. 327
Mushrooms, turnip greens and pickled eggs. 1354
My friend the cow. 336
N education (Panel 1.1) (Panel 2.). 328
The names in the cooking game (Filmstrip). 1469
The nation's most desired desserts. 895
National Data Center for Food Composition. 2251
National nutrition education conference. 359
National School Lunch Program. 665
The nautical way. 1595
Nectarines. 43
The need for cereal foods of improved protein value in the United States. 157
The need for iron fortification. 360
Needed: Public relations for program expansion. 905
New (trition) twist to an old game. 361
New candidates for your recipe file. 1472
A new concept in connects: all-electric mini facility. 1633
New concepts in management. 960
The new convenience foods program concept (Filmstrip/Record). 906
A new decade for School Food Service. 2029
New developments in school food service. 907
New dimensions in aluminum disposables. 1634
New dimensions in microwave cookery. 1635
New directions for action. 761
New directions in community junior college programs - new students; new faculty. 1172

--..

- New electric kitchen systems added to 1970 Laurels roster. 1536
 the new era in nutrition. 646
 A new era in school food service. 903
 New food products and food preparation techniques. 1545
 The new foods and the markets that need them. 1487
 New foods for a new decade. 1893
 New foods for the fry kettle. 1473
 A new horizon: careers in school food service (Filmscripts). 1173
 New kitchen sophistication with electric steam cookers. 1537
 A new look at nutrition education ---The time capsule. 363
 New look at Old Orchard. 1638
 New low-cost fish recipes pass child test. 2153
 New models 1971 - coffee brewers, serving equipment, toasters. 1540
 New models 1971 - fry kettles & filters. 1641
 New process for sourdough bread improves uniformity and reduces process time. 1591
 New products from smaller companies. 1892
 New professionals to the rescue. 1179
 New regulations on "cents-off" promotions. 25
 New seating patterns: add visual variety. 1642
 New to the convenience roster: canned crushed toasts. 1893
 The new vegetarians: who are they? 356
 The New York Times guide to continuing education in America. 2274
 Newer knowledge of cheese. 348
 Newer knowledge of alkali. 348
 Newer methods of nutritional biochemistry with applications and interpretations - volume 1. 365
 A newly developed system for measuring headspace oxygen in gas-flushed flexible packages. 1574
 Nitrites and nitrates in food. 1895
 Nobody knows who says. 2030
 Nominal group process for defining the problems in nutrition. 369
 Nomographs simplify recipe alterations. 1349
 Non-book materials: the organization of integrated collections. 2211
 Non-dairy cheese - a unique reality. 1896
 The non-high-school-graduate adult in college and his success as predicted by the tests of general educational development. 1379
 Not all governments support school lunch. 2031
 Notebook on soy: agricultural research means new foods. 1598
 Notebook on soy: Florida's questions on soy. 647
 Notebook on soy: how to use soy in recipes. 2154
 Notebook on soy: textured vegetable protein. 648
 Notebook on soy: textured vegetable protein product fact sheet. 2254
 Notebook on soy: USDA answers questions about new foods. 1597
 Notebook on soy: why and why of textured vegetable protein. 649
 Notebook on soy: why 'engineered' foods at school. 1599
 Notes for a novice instructor. 1157
 Notes on the history of nutrition in America. 553
 A nothing lunch program becomes really something - at decent cost. 1477
 Nova means new---in school foodservice too!. 2032
 Novel process controls quality variables for french fried potatoes - extends shelf life of potato chips. 1900
 Now the trend is to waste compactors. 1645
 Now, now about child day everyday! 373
 NUTRITION: nutrition consumer information system. 329
 The numbers game: uses and abuses of managerial statistics. 934
 Nursing home menu planning. Food purchasing and management. 1372
 Nursing homes and related health care facilities. 2287
 Nutrient contribution of a meals program for senior citizens. 2033
 Nutrient intake and weight response of women on weight-control diets. 374
 Nutrient labeling....Purposes and approach. 699
 Nutrients in university food service meals - I. Data determined by food inventory. 375
 Nutrients in university food service meals - II. Data from meals selected by students. 376
 Nutrition. 1901
 Nutrition. 111
 Nutrition. 540
 Nutrition (Transparencies). 377
 Nutrition and "the pill". 379
 Nutrition and cell growth. 380
 Nutrition and communication. 1190
 Nutrition and diet therapy. 610
 Nutrition and diet therapy. 612
 Nutrition and elementary food science. 292
 Nutrition and feeding of infants and children under three in group day care. 561
 Nutrition and handicapped children. 381
 Nutrition and health-screening services for the elderly - report of a demonstration project. 382
 Nutrition and intellectual growth in children. 522
 Nutrition and ischemic heart disease. 383
 Nutrition and learning - implications for schools. 384
 Nutrition and physical fitness. 97
 Nutrition and pregnancy. 385
 Nutrition and school food service, state of New Mexico. 365
 Nutrition and school lunch. 364
 Nutrition and social dependency. 386
 Nutrition and stress (Slides). 387
 Nutrition and the Tyos A lunch. 368
 Nutrition at a price: Economics of menu planning. 1350
 Nutrition awareness in the USDA. 2034
 Nutrition by practice. 339
 Nutrition Canada. 375
 Nutrition concepts held by seventh and eighth grade pupils in Iowa. 238
 Nutrition education and the related management processes. 306
 Nutrition education and the Spanish-speaking American. 390
 Nutrition education by nonprofessional aides. 391
 Nutrition education comes into its own. 392
 Nutrition education for mothers of Filipino preschool children. 393
 Nutrition education for the "now" generation. 394
 Nutrition education for young children. 553
 Nutrition education for youth. 395
 Nutrition education guide. 158
 Nutrition education in the elementary schools. 312
 Nutrition education in the funny papers. 1191
 Nutrition education in the school food service: challenge, change, and commitment. 592
 Nutrition education is behavioral change. 396
 Nutrition education of physicians - five commentaries. 1192
 Nutrition education practices in elementary schools in Hawaii. 397
 Nutrition education research project - report of phase I. 532
 Nutrition education survey: preliminary results. 1193
 Nutrition education through the mass media in Korea. 1194
 Nutrition education--1972. 547
 Nutrition education--1972 hearings, Ninety-Second Congress, second session. 549
 Nutrition education: an integral part of consumer education. 29
 Nutrition education: Nutrition delivery systems and the management function. 372
 Nutrition education: Resources available for the school food service supervisor (A panel discussion). 1195
 Nutrition education: Selecting and organizing material for different age groups. 1196
 Nutrition for athletes: A handbook for coaches. 60
 Nutrition for food service workers. 399
 Nutrition for Head Start. 398
 Nutrition for young minds. 400
 A nutrition guidebook for elementary school teachers. 221
 Nutrition II. 69
 Nutrition implementation programs as communication systems. 1197
 Nutrition in a maternity and infant care project. 407
 Nutrition in action. 200
 Nutrition in music (Audiotape). 408
 Nutrition instruction and lunch surveys with second graders. 409
 Nutrition instructors guide for training leaders. 552
 Nutrition is the school's business. 2035
 Nutrition knowledge and attitudes of early elementary teachers. 1198
 Nutrition labeling. 700
 Nutrition labeling--more information to help the consumer select foods. 701
 Nutrition labeling: more information to help the consumer select foods. 702
 Nutrition notes: consumer and food industry equally responsible for poor nutrition. 410
 Nutrition notes: dairy group comments on nutritional labeling guidelines. 411
 Nutrition notes: iron fortification of foods. 412
 Nutrition notes: protein measuring system proposed to simplify nutritional comparisons. 413
 Nutrition notes: the nutrient labeling dilemma. 703
 Nutrition notes: where are we going with school feeding? 1902
 Nutrition of a group of school children in Ohio with improved diets. 438
 Nutrition of animals of agricultural importance: part I. 134
 Nutrition programs for senior citizens. 414
 Nutrition services in child health programs. 2036
 Nutrition services of the American Red Cross. 2037
 Nutrition source book. 341
 Nutrition the 1-2-3-4 way. 415
 Nutrition to meet the human needs of older Americans. 416
 Nutrition upgraded, final texture controlled using new structured protein fiber. 1903
 Nutrition: a comprehensive treatise. 83
 Nutrition-related health practices and opinions. 417
 Nutrition/staff training programs. 554
 Nutrition/cardiovascular reviews, 1970-1971. 63
 Nutrition, behavior, and change. 225
 Nutrition, Learning, Behavior and Motivation. 418
 Nutrition: a course for school food service personnel. 101
 Nutrition: A pre-condition to learning. 419
 Nutrition: Between eating for a Head Start. 551
 Nutritional adequacy, preference, acceptability, and food production aspects of hot and cold school lunches. 294
 Nutritional aspects of engineered foods and delivery systems in school food service. 420
 Nutritional awareness instruction series for classroom use. 1088
 Nutritional guidelines - the how, the why, and the when. 704
 Nutritional guidelines and labeling. 705
 Nutritional guidelines and the labeling of foods. 706
 Nutritional improvement and world health potential. 421
 Nutritional iodine in processed foods. 1904
 Nutritional knowledge and consumer use of dairy products in urban areas of the South. 518
 Nutritional labeling: a need for caution. 707
 Nutritional literacy of high school students. 422
 Nutritional Problems after fifty. 423
 Nutritional review. 424
 Nutritional review. 2255

- Nutritional status of Negro preschool children in Mississippi - evaluation of HOP index. 425
- Nutritional status of Negro preschool children in Mississippi - impact of education and income. 426
- Nutritional status of 9-, 10- and 11-year-old public school children in Iowa, Kansas, and Ohio. 439
- Nutritional studies during pregnancy: I. Changes in intakes of calories, carbohydrates, fat, protein, and calcium; II. dietary intake, maternal weight gain, and size of infant. 427
- Nutritional value of casein and whey protein. 428
- Nutritional value of turkey protein - effects of heating and supplementary value for deer proteins. 429
- A nutritious diet for all Americans. 2038
- Nutritive analysis of frozen fully cooked institutional foods. 430
- Nutritive content of the usual diets of eighty-two men. 431
- Nutritive labeling. 708
- Nutritive value of "organically grown" foods. 432
- Nutritive value of canned meals. 1905
- Nutritive value of foods. 535
- Nutritive value of fruits and vegetables. 2253
- Nutritive values of foods distributed under USDA food assistance programs. 2256
- Obesity. 405
- Obesity - new happenings. 433
- Obesity - part 3. 434
- Observations on the use of a supplemental beverage. 435
- Observations: industry comments on nutritional labeling. 709
- Observations: let's look beyond nutrition to identify proteins. 436
- Observations: nutritional labeling, however imperfect, is here. 710
- OED--The emergency food and medical services program and nutrition education. 2039
- Of (iron) sets and pans. 437
- Official OED Centers. 2136
- Ohio training researched. 1199
- Oklahoma school lunch course of study. 1202
- Oklahoma school lunch desserts. 1203
- Oklahoma school lunch handbook. 1200
- An old standby that still works. 1204
- Ole for olives. 1353
- Olympic athletes view vitamins and victories. 441
- Omelet (Film loop). 1479
- On the cover: savory steak rolls can be made with less tender cuts of beef. 2155
- On-target meals: action for health (Film strip). 442
- One kitchen serves two schools. 1646
- Open dating. 30
- Open dating: the key to fresh foods for consumers. 711
- Open forum. 1205
- Operating budgets for food service establishments. 885
- Operation bag lunch. 2041
- Opinions of nutrition education. 443
- Opportunities for educational and vocational advancement. 1016
- Optimizing our human resources. 912
- Optimum net fill of containers. 1306
- Orange juice studies. 2342
- Organic foods. 31
- The organic foods movement. 444
- Organization and coordination of research. 913
- Organizing centralized school food service systems. 914
- Organizing for marketing and new product development. 915
- Organoleptic technique predicts refrigeration shelf life of fish. 2337
- Other Federal regulations affecting food packaging. 712
- An ounce of prevention (Filmstrip). 1755
- Our child feeding overcoat - a development resource for the seventies? 2043
- Our daily bread. 651
- Our evolving technology. 1647
- Our future is you (Motion picture). 1209
- Our own abridged dictionary of the food service industry. 2257
- An Outbreak of *Staphylococcus* intoxication (Motion picture). 1756
- Overcoming world hunger. 652
- An overview of school food service. 1146
- Packaging and labeling - current trends and legalities. 713
- Palatability of a specialty meat item prepared by interrupted cooking. 1907
- Palatability of meat after low temperature roasting and frozen storage. 1908
- Pancakes (Film loop). 1481
- Panel on characteristics of centralized food service systems. 917
- Panel: Where do I begin and what do I do in nutrition edu. 445
- Pantothenic acid, vitamin B5, and vitamin B12 in foods. 543
- Papaya puree: a tropical flavor ingredient. 1409
- Parent involvement. 2086
- The parent product. 1482
- Participation reactor discussion groups. 1210
- A partnership in evaluation - a case study in evaluation of a managerial training program. 1211
- The Pest is present. 1483
- The Patent Office. 639
- Patrons speak out on menu presentations. 918
- Peach bake-off. 2156
- Peenut butter use encouraged. 2338
- Peanuts: production, processing, products. 668
- Peanuts: the first snack food. 653
- Percent of income spent for food: estimates free national income and household survey data. 32
- The perfect prune: a 1970 market report. 654
- Permeability and food packaging. 1910
- Personnel management. 768
- Personnel management and work organization. 909
- Persuasive on vitamins. 448
- Philadelphia hot lunch program: a model for low-budget schools. 1650
- The Philadelphia plan--lunch in a can. 1484
- Philosophy and guidelines for nutritional standards for processed foods. 714
- Physiologic control of food intake. 449
- Pinwheel sandwiches (Film loop). 1485
- Planned merchandising sells wine for Red Coaches. 1486
- Planning and operating a successful food service operation. 268
- Planning short and long range objectives for the future of the school food services. 921
- Planning the school food service facilities. 1681
- Planning training activity. 1213
- Planning: that's how to develop a new package for a new product. 1911
- Plant operation: how to squeeze the most from trash destructors. 1757
- Pocono produce increases FF volume by selling a convenience concept. 1487
- Points for planning Type A lunches. 1355
- Policy statement of the American Dietetic Association on nutrition labeling. 715
- Pollution, people, power and profit - forces at work to change packaging. 1912
- Population growth and America's future. 2260
- Portable meals contribute to nutrition education efforts. 2045
- A portfolio of kitchen fundamentals. 1488
- Portugal. 2157
- Position paper on automatic food service. 922
- Position paper on food and nutrition services in day-care centers. 2046
- Position statement of the American School Food Service Association on food served in child nutrition programs. 2047
- Positioning a product for the special market. 1913
- Positioning creative touch - a new way to flavor foods. 923
- Possible developments in the supply and utilization of food in the next fifty years. 1914
- A post-high school program in child care services. 1294
- Pot, pan and utensil commercial spray type washing machines. 1520
- Potato magic for professionals. 1489
- Potatoes add a sales bonus. 1490
- Potatoes made easy for school lunch. 2339
- Potatoes: production, storing, processing. 662
- Potential dieters: who are they? - attitudes toward body weight and dieting behavior. 450
- Poultry preparation (Film loop). 1491
- Poverty guidelines announced. 716
- Practical baking. 1517
- Practical baking workbook. 1251
- Practical cooking and baking for schools and institutions. 1378
- Practical food microbiology and technology. 1962
- A practical formula for successful wine business. 1492
- A practical guide for supervisory training and development. 1146
- A practical primer on essential sanitation concepts. 1758
- The practice of general management. 819
- Practices of low-income families in feeding infants and small children with particular attention to cultural subgroups. 563
- Precooked turkey flavor and certain chemical changes caused by refrigeration and reheating. 1915
- Precooking and reheating of turkey. 1916
- Predicting application of nutrition education. 451
- Prediction of student performance through pretesting in food and nutrition. 1214
- Preformed vitamin A, carotene, and total vitamin A activity in usual adult diets. 452
- Pregnancy and nutrition. 2268
- A preliminary investigation of the effectiveness of programed instruction in teaching sanitation to non-professional food service employees. 1048
- Preparation and growth producing evaluation of a concentrated corned beef of soy-cheese whey protein. 1917
- The preparation kitchen. 1594
- Preparation of food samples and direct culture (Motion picture). 453
- Preparation of inexpensive teaching materials. 1163
- Preparation-processing - part 2. 1651
- Preparation a custard (Film loop). 1493
- Preparing a stew (Film loop). 1494
- Preschool nutrition workshop sums up recommendations. 454
- Preschool, primary and intermediate teaching materials and teacher references. 2269
- Preventing employee theft (Film loop). 924
- Preventing food spoilage (Film loop). 1495
- Preventing waste (Film loop). 1496
- Prevention of iron-deficiency anemia in infants and children of preschool age. 559
- The price of civilization. 455
- Principles of kitchen layout planning for food service establishments. 1608
- Principles of management. 472
- Principles of public accounting. 987
- Private school lunch. 984
- Price beach creations. 2158
- Problem solving and conflict resolution. 925
- Problems and progress in nutrition education. 1215
- Problems of assessment and alleviation of malnutrition in the United States. 577
- Procedure for developing, submitting and evaluating individual projects. 1216
- Proceedings of a symposium: nutrition education at the undergraduate and master's degree level. 1217
- Proceedings of the packaging legislation and regulations: current status and future prospects. 673
- Processed and potential markets for instant bean powders. 1918
- Processing commodities saves money for nation's schools. 2340
- Processing contracts mean more bread. 1919
- Processing frozen breads. 1920
- Procurement programed for profit. 2341
- Product development news: Del Monte to use proposed nutrient labeling, estimates cost for data at \$250,000. 717

- The professional chef. 1411
The professional chef's book of buffets. 1537
The professional chef's catering recipes. 2147
A professional's tour guide: Big Mac's Foodservice. 1652
Professionalism. 926
Profile plan of a food service operating system for the 70's: part 3. 1653
Profiles in quality education. 2095
Profitable food service management thru counselling and intercommunication. 898
Profitable food service management thru employee and management meetings. 896
Profitable food service management thru food supervision. 897
Profitable food service management thru job analysis, descriptions, and specifications. 902
Profitable food service management thru job evaluation. 904
Profitable food service management thru performance appraisals. 899
Profitable food service management thru recruitment and selection of employees. 903
Profitable food service management thru reduction of employee turnover. 903
Profitable food service management thru worker motivation. 901
Programmed instruction in basic nutrition for college students. 1218
Programmed instruction in nutrition for collegiate nursing students. 1219
Programmed nutrition. 229
Progress in human nutrition: volume 1. 231
Project feast puts it all together. 1220
Project on foods and nutrition services in the Public Schools (in North Carolina). 2048
Promotion in food service. 874
Proper food (Filmstrip). 456
Proposed nutritional guidelines for formulated meals--foods of the future. 1921
A proposed procedure of standardized accounting for the school lunch program in Oklahoma. 916
Protein components of blood and dietary intake of preschool children. 457
Protein concentrates and cellulose as additives in meat loaves. 1922
Protein food mixture for Iran - acceptability and tolerance in infants and preschool children. 458
Protein from microorganisms. 1923
Protein products: analogs of favorite food forms. 1924
Protein quality and PER: concepts important to future foods. 459
Protein requirements of preadolescent girls. 460
Proteins and minerals (Film loop). 451
Psychologic implications of the nutritional needs of the elderly. 462
Public health aspects of poultry processing (Motion picture). 1759
Public Law 91-248, 91st Congress, H.R. 515. 723
Publications list and research reference. 548
Puddings and other delicious things. 657
Puerto Rican food habits: a color slide set (Slides). 453
Puerto Rican foods and traditions. 126
Puppets are effective teachers. 1221
Puppets sell good nutrition. 464
Purchasing. 2310
Purchasing beef for food service establishments. 2327
Purchasing canned fruits and vegetables for food service establishments. 2325
Purchasing dairy products for food service establishments. 2324
Purchasing eggs for food service establishments. 2320
Purchasing food for food service establishments. 2322
Purchasing change in school food service programs. 927
Put egg in your pizza. 2159
Put fish and seafood in the school menu. 1356
Put it on 'wheels' for convenience and flexibility. 1554
Quality assurance--Today & tomorrow. 33
Quality control of food in the school food service. 928
Quality evaluation of canned and freeze-dried applesauce. 1925
Quality food service must bridge the temperature gap between cooking and serving. 1655
Quantitative inventory management. 929
Quantity cookery. 1522
Quantity cookery and food preparation. 1377
Quantity cooking. 1383
Quantity food preparation and service. 1425
Quantity food preparation: a course for school food service. 1392
Quantity food preparation: A suggested guide. 1293
Quantity food production management. 1476
Quantity food purchasing. 2315
Quantity food purchasing guide. 2301
Quantity food sanitation. 1741
Quantity food sanitation. 1743
Quantity guide. 2336
Quick and easy "space rice". 1497
R & D for adult learning. 1222
Red sessions with Dr. Perryman--A dialogue with seminar participants. 466
Reaching significant publics: The parent and community invov. 930
Reaching significant publics: The state of the boy. 1971. 931
Reaching the hard-to-reach schools. 2049
The real talking, singing, action movie about nutrition (Motion picture). 467
Receiving practices in food service establishments. 2326
Recent developments in the vitamin technology of bread--history pertinent today. 1926
Recipe Index 1970. 2232
Recipes on Parade. 2.60
Recognizing food seallage (Film loop). 1223
Recommendations on coffee service. 1480
Recommended intakes of nutrients for the United Kingdom. 468
Reconstituting avens: for foods at the top of the "raw-to-ready" scale. 1656
Reconstituting prepacked frozen meals with integral heat. 1927
Recruiting students: an unmet need. 1224
Reducing turnover: Start on employee's first day. 932
A reference guide for evaluation of school lunch training. 1247
Refrigeration: the 24-hour-a-day workhorse. 1657
Relating school lunch and classroom teaching. 1225
Relationship of aptitudes to retention of learning and attitude change two years after food service training. 1122
The relationship of Federal agencies to food science programs at the universities. 1226
Remarks on the Joute. 469
A renaissance of natural cheeses. 2161
A report of Oklahoma food habits survey. 440
Required: a giant step in nutrition education. 470
Research explores nutrition and dental health. 357
Research on diet and behavior. 471
Research resources: volume 2. 2247
A resource handbook for teaching nutrition in the elementary school. 223
Responses of children with phenylketonuria to dietary treatment. 472
Responsibility of dietitians for providing information about food: it's wholeness and nutritional value. 473
Retail frozen food sales by state. 935
Retention of learning two years after an experimental training program for food service personnel. 1159
Review and analysis of curricula for occupations in food processing and distribution. 1074
Review of basic nutrition concepts. 658
Review of food grouping systems in nutrition education. 474
A review of frozen entrées at the peak of the "raw-to-ready" scale. 2343
Review of management functions. 936
Review of nutrition and diet therapy. 611
Review of protein and carbohydrate metabolism. 475
A review: how supervisor's expectations affect trainee performance. 937
A revolution in meat roasting. 1928
Ribbon and checkerboard sandwiches (Film loop). 1498
Rice and everything nice. 2162
Rice ideas for school lunch. 1499
The right way (To lift) (Filmstrip). 1762
The right way of textured vegetable protein. 1800
Roasting (Film Loop). 1501
Role of a unique product safety testing organization. 1658
The role of industry in meeting the challenge of future food needs. 938
The role of range hoods in maintaining residential air quality. 1659
Roles and challenges of school food service in nutrition education. 478
Reselle - a natural red colorant for foods? 1929
Round-table discussion. 479
Rush hour service (Film Loop). 1502
Russian-American food patterns. 2163
The Sacramento system: commodity compatibility. 2050
Safe food (Motion picture). 1763
Safe food (Motion picture). 1764
Safety and sanitation. 1752
Safety and sanitation. 1754
Safety in the kitchen (Transparencies). 1765
Safety is up to you (Filmstrip). 1766
The safety of foods. 1760
Salad preparation (Film loop). 1503
Salad spectacular tempting types A's. 2164
Salads and dressings (Transparencies). 1504
Salads and vegetables. 1478
Salads are for eating. 1505
Salmon. 1930
Salmonellosis. 1747
Sandwich preparation and presentation (Film Loop). 1506
Sanitary food service. 1782
Sanitary storage and collection of refuse (Motion picture). 1767
Sanitary techniques in food service. 1742
Sanitation checklists for management. 1768
Sanitation for food service workers. 1761
Sanitation in the kitchen (Transparencies). 1769
Sanitation: Rodent and insect control (Film Loop). 1770
Sanitation: Rules make sense (Film Loop). 1771
Sanitation: Rules make sense (Motion picture). 1772
Sanitation: Why all the fuss (Film Loop). 1773
Sanitation: Why all the fuss (Motion picture). 1774
Satellitine in the suburbs. 2051
Satellitine suggestions from Lerode. 1507
Satisfaction vs. Costs down in 'open' cafeteria. 940
Satisfying MH students' appetites and needs. 1228
Save for a change: ideas to cut costs. 1508
The school administrator and the food service program. 920
School and institutional lunchroom management. 996
School board source of foodservice support. 943
School building design meets educational philosophy in Boyertown. 1660
School feeding Programs as an aspect of the educational institution -- Panel discussion. 944
School food purchasing guide. 2299
The school food service administrator and the computer. 945
School food service financial management handbook for uniform accounting. 919
School food service financial management seminar for uniform accounting. 965
The school food service labor relations picture. 946
School food service management. 1131

TITLE INDEX

- School food service management. 1132
 School food service management development program: Manual, advanced course. 1001
 School food service management development program: Manual, intermediate course. 1313
 School food service management, short course 1. 1133
 School food services nutrition education finance project. 2052
 The school food service production kitchen. 1509
 School food service sanitation: a manual for school food service employees. 1753
 The School Food Service System. 911
 School food service: new laws can help you provide it. 947
 School food service: twelve trends you should track. 945
 A school foodservice professional seeks out. 2053
 The school lunch - a component of educational progress. 481
 School lunch and the curriculum. 591
 School lunch grows in Brooklyn. 2054
 School lunch in High Point: a community pride. 2055
 School lunch in High Point: a community's pride. 2056
 School lunch leadership training conference. 1275
 School lunch looks to the future. 2057
 School lunch on-line in Kansas. 1357
 School lunch program becomes big factor for frozen meat firm. 949
 School lunch rooms. 1639
 School Lunch Task Force Report. 962
 School lunch worker other than director or supervisor. 1225
 School lunch: Alaska style. 2059
 School lunches: a billion-dollar market for food. 943
 School systems implementation: Texas style. 2059
 Schooling the food service executives of tomorrow. 1230
 Science fundamentals: a background for household equipment. 1548
 Science in food and nutrition. 556
 Science of new economics and institutional management. 733
 The science of housekeeping. 982
 The science of meat and meat products. 656
 Screening children for nutritional status. 560
 Seafood world. 2165
 Search and research. 342
 Seasonal variations in U.S. diets. 483
 Seasoning secrets. 1510
 Second-generation reconstitution systems. 1661
 Secondary teaching materials and teacher references. 2255
 Security for business and industry. 849
 Security protection for foodservice. 950
 A select bibliography and library guide to the literature of food sciences. 2262
 Selected attitudes of food service personnel participating in two methods of training. 1072
 Selected list of reliable nutrition books (revised 1970). 2277
 Selected research abstracts of published and unpublished reports pertaining to the food service industry. 2279
 Selection and care of fresh fruits and vegetables: A consumer's guide. 44
 Selection of films (Film loop). 34
 Selection of policies for the local lunch program in the public schools. 2011
 Selenium: the missing mineral. 456
 Self-instructional program of training for food service personnel compared with group training. 1231
 Self-service juice dispensers evaluated: frozen juices most economical, efficient. 1662
 Selling Brussels sprouts to students. 1511
 Selling students. 951
 Seminar evaluation. 1232
 Seminar evaluation plan (21 Reference list 13) Seminar participants. 1233
 Seminar projects and notes on program structure. 1234
 A sensational sausage system that sells. 659
 Sense and nonsense about health foods. 447
 Sensible nutrition. 488
 Sensory evaluation of breaded, deep-fried turnip slices. 1931
 Sensory good taste. 489
 Sequential K-12 courses replace old style "health". 1236
 Serum cholesterol free pre-adolescence through young adulthood. 490
 Serving food (Motion picture). 1775
 Setting the table (Film loop). 1237
 Seven choices for lunch. 1359
 The shady, saucy tomato. 660
 Shaped rice products offer promise as new "finger food". 1932
 The share of foodservice to come: a fable of the future with a note on the present. 1933
 Shopping for shortening. 2346
 Shopping practices of low-income groves for convenience foods. 491
 Should milkshakes have a place in the type A lunch? 1350
 Should we or shouldn't we fortify foods? 1934
 Simple training plan cuts accidents. 1776
 Simplified food preparation systems - their impact on your sanitation systems. 1777
 Simplified manual for cooks. 1467
 A simplified school lunch system. 2060
 A simplified systems approach to multi-unit design. 1663
 Simulation is the name of the game. 35
 Simulation of interpersonal relations. 1241
 Single service systems: exclusive survey showing trends and attitudes towards foodservice disposable systems and permanent ware 1972. 1596
 Single service ware and today's consumer. 1665
 Single service: facts, not talk. 1666
 Single service: the creative plus. 1667
 Six simple thefts: cases in internal control. 953
 Six solutions to ware handling. 1668
 Sixty hamburgers later...Newspaperman researches America's favorite food. 661
 Size up the modern electric griddles. 1669
 Slim chance in a fat world: behavioral control of obesity. 504
 Slim'n swim--a summer nutrition program for underprivileged teen-age girls. 2061
 Small day care centers loom as giant market for frozen prepared lunches. 954
 The smile of success: service with a smile. 1300
 So much, for so many, for so little. 1243
 So you want to be a consultant? 1244
 So you want to get ahead? 1245
 So you want to write a cookbook? 2264
 Socio-cultural basis of food habits. 492
 Socio-cultural aspects of food and eating -- A social scientist's approach (With group discussions). 493
 Soda fountain and luncheonette equipment. 1631
 Some applications of enzymes of microbial origin to foods and beverages. 1935
 Some aspects of an experimental training program for food service personnel. 1142
 Some aspects of protein nutrition. 494
 Some considerations for nutritional labeling. 718
 Some current population trends. 2270
 Some factors for refusal to participate in nutrition survey. 495
 Some factors in building an effective marketing program. 955
 Some interactions between nutrition and stress. 496
 Some things you might not know about the foods served to children. 1936
 Some thoughts on food and cancer. 497
 Something special at O.U. 956
 Sophisticated technology for the school market. 1937
 Soham's high school students' attitudes toward school lunch. 957
 Sounds from Capitol Hill: were regulation, more restrictions. 719
 Soup: serve it with flair. 2166
 A source book on food practices: with emphasis on children and adolescents. 352
 Southern cuisine: merchandising and menu notes. 2167
 Southwest Region's response to the challenge of nutrition education. 2062
 Soy hales Skakle's budget. 961
 Soy-whey-milk offers economic substitute for frozen whole milk concentrate. 1938
 Soybean milk - a low-cholesterol substitute for cow's milk for children and adults. 1939
 Space needed for storing and cooling commonly used foods. 1670
 Special atmosphere II: country/Colonial themes. 1545
 Special equipment and/or devices. 1626
 Special food service for summer. 2063
 Special food service program for children, summer programs. 1245
 Special foods & equipment for the food service industry. 1671
 Solacing vegetables. 1513
 A split pea special: a 1970 market report. 663
 Spot vitamin A with color clues. 500
 Spotlight on contract clauses. 962
 St. Luke's & the computer. 964
 Stability of gravies to freezing. 1940
 Staffing and training personnel for centralized school food service systems. 1244
 Staffing Broward County-style. 2064
 Staffing the school food service. 965
 Standard food portions (Film loop). 1514
 Standardizing recipes for institutional use. 2109
 Standards and progress in day care center programs. 2065
 Standards for cataloging nonprint materials. 2203
 Standards for meat & poultry products. 731
 Standards for school media programs. 2201
 Standards of cleanliness (Film loop). 1778
 Standards, labeling, education to improve the diet. 720
 Standards, principles, and techniques in quantity food production. 1458
 Staphylococci control and the food processor. 1779
 Staphylococcus food poisoning. 309
 Start now to think metric. 36
 State department of education policies. 754
 State directors cost out school meals. 966
 Statement of Walter A. Compton, M.D., President and Chief Executive Officer, Miles Laboratories, Inc., before the Senate Select Committee on Nutrition and Human Needs, February 24, 1971. 124
 Status and achievements of the expanded food & nutrition education program. 501
 Status of curriculum development in the field of commercial food at the non-baccalaureate level. 1062
 The status of nutrition in the United States. 502
 The status of school foodservice: part I. 2066
 Steps in getting ready to cook (Film loop). 1515
 Stick 'em up. 968
 Stinging attack blasts school lunch programs. 2067
 Storage of fresh broccoli and green beans - effect on ascorbic acid, sugars, and total acids. 2347
 Storage specifics. 2362
 Strawberry time. 2168
 Strach'n substitute. 1361
 Student involvement in school food service and nutrition programs. 1249
 Student workbook to accompany elementary baking. 1252
 Studies in disease ecology. 301
 A study guide for the food service supervisor. 1021
 A study of career ladders and manpower development for non-management personnel in the food service industry. 795

- A study of school feeding programs - I. Economic eligibility and nutritional need - II. Effects on children with different economic and nutritional needs. 2058
- A study of the breakfast eating habits of school age girls and boys, grades one through twelve, of an Illinois community with implications for teaching nutrition. 609
- A study of the educational aspects of the School Lunch Program in South Carolina. 1156
- A study of the effect of certain management factors on nutritive value and pupil participation in the school lunch. 2940
- A study of the need for dietary counseling services for the physician. 505
- Stuffing and trussing a chicken (Film loop). 1515
- Sub-system 2: the status of storage. 1672
- Sub-systems 3 & 4: a simplified systems approach to fabrication & pre-preparation. 1941
- Subjective evaluation of an experimental training program for food service personnel. 1017
- Subjective evaluation of an experimental training program for food service personnel. 1250
- Substitute and synthetic foods with emphasis on soy protein. 1742
- The success of the federal food assistance programs. 2069
- See learns about the use of measurements in cooking. 1235
- Sugars, acids, and flavor in fresh fruits. 1943
- Summer feeding: East and West. 2070
- Summer food service in Cincinnati. 2071
- Summer food service in Portland. 2072
- Summer programs offer "three squares". 2073
- Summer school-feeding program fills need in Harford. 2074
- Sugar at lunches save the day. 2159
- Supersnapper. 2314
- Supervised food service worker. 1259
- The supervisor: motivating through insight (Film loop). 971
- The Supervisor: motivating through insight (Motion Picture). 972
- Supplemental protein: does the U.S. diet really need it? 506
- A survey instrument for the evaluation of the economic efficiency of school food services. 952
- A survey of factors relating to the pre-packaged lunch system in selected school districts. 1412
- Survey of nutrition knowledge as a part of nutrition education. 507
- Sustained behavioral change. 508
- Symposium papers on food and health. 367
- Symposium: Effects of processing, storage, and handling on nutrient retention in foods. 1944
- Synthetic food. 2342
- Synthetics and substitutes for agricultural products. 1957
- A system--what it is and what it does. 974
- A system--What it is and what it does. (Part 2). 975
- Systematic generation of ideas for new foods. 1945
- A systematic training and teaching program. 1253
- Systems approach to labor cost control. 976
- A systems approach to manglewashing equipment. 1573
- Systems solution for the 73's: part 1. 1674
- Systems support with key processing equipment. 1675
- Tables of food composition: Availability, uses, and limitations. 2272
- Tables of food composition: scope and needed research. 510
- Tables of food values. 2209
- Tacos--taste treat for tots to teens. 2170
- Taking milk apart. 351
- Taste sensitivity and food aversions of teenagers. 512
- Tea & coffee. 627
- Tea and coffee. 1946
- Teach nutrition with games. 1162
- Teachers, there's an eggplant in the classroom. 513
- A teacher's guide of student nurses' learning experiences in diet therapy clinical practice related to total nursing care of patients for use in schools of nursing. 1235
- Teaching as changing behavior. 1254
- Teaching nutrition. 164
- Teaching nutrition in the elementary schools. 565
- Teaching nutrition in the medical school. 1255
- Teaching successfully in industrial education. 1240
- Teaching the young child good eating habits for life. 311
- Teaching with computers. 1256
- Teen supervision. 1257
- The technical microbiological problems in intermediate moisture products. 1947
- Techniques for effective teaching. 1169
- Techniques for milk protein testing. 1948
- Techniques in the preparation of fruits and vegetables. 1140
- The techniques of culinary artistry for school banquets, luncheons, and teas. 2181
- Techniques of food measurement (motion picture). 1518
- Techniques of group involvement. 1258
- Techniques of main dish preparation. 1138
- Techniques of main dish preparation. 1139
- Techniques of making quick breads. 1519
- Teen-age food habits - A multidimensional analysis. 514
- The teenage obesity problem - why? - part two. 515
- The teenage obesity problem - why? - part 1. 516
- Teenager - the worker's dilemma. 977
- Teenagers and food: their eating habits. 517
- Ten-State nutrition survey, 1965-1970. 564
- Testing of products is essential. 1520
- Testing packaged films. 1949
- Texas mavericks reject federal subsidies. 2076
- Textiles updated for today's dietitian. 1676
- Textured proteins can solve the nutrition-dollor dilemma. 1950
- Textured vegetable protein (TVP). 520
- Textured vegetable protein...solution to institutional dietary problems? 521
- Textured vegetable proteins: fish protein concentrates, and microcrystalline cellulose as extenders in meat loaves. 2335
- Texturizing process improves quality of baked French fried potatoes. 1951
- Their fatty bread. 1984
- They ask why. 345
- Thiamin and riboflavin in cooked and frozen, reheated turkey - gas vs. microwave ovens. 523
- Thiamin content and retention in venison. 524
- Thiamine and riboflavin retention in cooked variety meats. 525
- Think clean. 1740
- This is USDA's Consumer & Marketing Service. 37
- This is your passbook for food service worker. 1170
- Thousands came to dinner. 2077
- The three A's of change - Anticipating, Accepting, Actuating. 978
- The three P's help make good eating incoherent. 1263
- Time--temperature-indicating system "writes" status of product shelf life. 2349
- Time-temperature and time-weight losses in vital roasts. 526
- T.L.C. and the hungry child. 509
- To hand out or not to hand out. 1264
- To join or not to join multiemployer bargaining? 979
- Tocopherols and fatty acids in American diets - the recommended allowance for vitamin E. 527
- Today's youth - A new breed of cat. 940
- Tom Farley's impossible dream. 2078
- Tomato solids in baked products. 1952
- A tool to get people to be relevant. 1265
- Tools for nutrition education--some examples. 1266
- Tools for teaching food needs. 528
- Total convenience on the college campus - special report. 2079
- Toward better teaching of home economics. 1093
- Toward better tomatoes. 2358
- Toward the new. 2353
- Trace elements in human and animal nutrition. 567
- Trace minerals in type A school lunches. 529
- Train 'em or lose money. 1267
- Training can be professional. 1268
- Training consultants. 2278
- Training department becomes an income producer. 1269
- Training food service personnel for the hospitality industry. 1292
- Training guide. 1189
- Training makes Frisch a growing Big Boy. 1270
- The training of ancillary staff in hospitals. 1242
- Training surveys surveyed. 1271
- Training the food service worker (Kit). 1272
- Training the handicapped. 1273
- Training yourself for food service. 1188
- Trends in food service. 981
- Trends in the U.S. meat economy. 1363
- Try new fish varieties on your menu. 1363
- Tuna. 530
- Turkey rounds present year 'round serving idea for seasonal fowl. 1953
- Turkey time saver. 1523
- Turkey: the bad guy of school lunch. 1781
- The turned on table top. 1677
- Two nutritional labeling systems. 721
- Type A--two different ways. 1364
- Uncle Jim's dairy farm. 330
- Undergraduate education in dietetics. 1296
- Undergraduate education in public health nutrition. 1297
- Undergraduate training in nutritional science. 1298
- Understanding baking. 1379
- Understanding cooking. 1459
- Understanding food. 511
- Understanding the community social system. 988
- Unified approaches toward nutrition on Education through School Food School and Home Economics Education. 568
- Unique, concise package chosen for ethnic dinner mix market. 1958
- Unit Pricing and open dating. 42
- United States Government organization manual, 1972/73. 2288
- Universal school food service and nutrition education: a symposium. 572
- University of Colorado Libraries programmed textbook. 2218
- The Unwanted four: germs that cause food poisoning (Filmstrip/Record). 1783
- Upgrade your manpower task allocation system. 959
- The urban avalanche and child nutrition - I. Impact during the industrial revolution and now. 573
- U.S. families still preserve food at home. 1529
- U.S. Jaycees resolve to back pilot universal program. 2096
- USDA gives specifications for textured vegetable protein products. 743
- The use & abuse of equipment. 1680
- The use of a computer in formulating low cost diets. 990
- Use of leaflet dairy spread in medium white sauce and plain white frosting. 1530
- Use of metric measurements in food preparation. 1531
- The use of simulation techniques by prospective home economics student teachers. 1299
- Using break-even analysis in food service establishments. 886
- Using financial statements in food service establishments. 884
- Using storage controls to simplify determination of dairy food costs. 2321

TITLE INDEX

- Using storage in food service establishments. 2323
- Utilizable protein: quality and quantity concepts in assessing food. 575
- Utilization of inorganic elements by young women eating iron-fortified foods. 575
- Utilizing outside contractors to expand school food service operations. 991
- Variety is vital to vegetable fare. 992
- Veal Cordon Bleu a la naders. 2175
- Vegetable cookery (Film loop). 1534
- Vegetable preparation (Film loop). 1535
- Vegetables: varieties, grades and uses for a more profitable menu. 1344
- Vegetarian cookery 1. 2114
- Vegetarian cookery 2. 2116
- Vegetarian cookery 3. 2113
- Vegetarian cookery 4. 2115
- Vegetarian cookery 5. 2204
- Vending cafeteria foods to suit service employees. 993
- Vending machines for food and beverages. 1614
- Venturing into the '70's. 994
- Versatile potatoes increase menu variety, while low cost augments profit margin. 1536
- The video cassette, October 72. 1301
- Visual aids in nutrition education. 1095
- Vitamin A and iron in infants' diets in Israel. 574
- Vitamin C and the common cold. 445
- Vitamin E and heart disease. 579
- Vitamin C as a biological antioxidant. 540
- Vitamin is your key to a healthy heart. 72
- The vitamins. 444
- Vitamins (Film loop). 582
- Vitamins and body structure. 583
- Vitamins and the growing body. 581
- Vitamins and you (Filmstrip). 1302
- Vitamins from food (Motion picture). 584
- Vitamins from food (Videocassette). 585
- Viva Ecology. 2177
- Vocational training answers noncareer needs. 1303
- Volume feeding menu selector. 1321
- Waffles and syrup, anyone? 2097
- Wake them up: ask the right questions. 1304
- Walk-In cooling. 1582
- Washing up (Film loop). 1745
- Washing-up: Part 1 (Slides). 1736
- Washing-up: Part 2 (Slides). 1737
- Washington III. 2234
- Watch Specifications for contract cleaning. 995
- Water metabolism (Slides). 586
- Water, the indispensable nutrient. 587
- Wisconsin Public Schools Lunch Program: a satellite system. 2096
- Ways of cooking (Film loop). 1534
- Ways with food (Transparencies). 1539
- We can't separate nutrition from social and biological sciences. 584
- We're short of calcium, too! 589
- Weaver spends chicken processing with plant microwave system. 1683
- Weight control of children with Prader-Willi syndrome. 590
- Weight control source book. 339
- What are textured protein products? 1963
- What did you have for breakfast this morning? 347
- What do we mean by "nutrition"? 593
- What filmstrips can do for you lately. 1304
- What food means to children. 594
- What influences malnutrition? 595
- What is industry's approach to quality assurance? 744
- What is nutrition education: Why nutrition education. 537
- What is soy protein? 595
- What is the best setting for lunchrooms? 1644
- What is the future of textured protein products? 1540
- What is USDA doing about nutrition education? 596
- What makes kitchens work right? 1545
- What school lunch is doing for undernutrition in Baltimore. 537
- What schools are doing. 2099
- What systems built: favored fare of '72. 1541
- What the consumer expects of quality assurance. 45
- What useful purpose is served by quantitative ingredient labeling? 745
- What was the Rutgers study? 2100
- What will I be from A to Z. 1167
- What will we be eating tomorrow. 1964
- What's for breakfast? 1369
- What's good to eat (Motion picture). 600
- What's good to eat (Videocassette). 601
- What's in the can? 2360
- What's wrong with school lunch? 602
- What's and whys of CUB-con. 1542
- The wheel of health. 614
- When the Eskimo comes to town. 603
- When you advertise: fresh fruits and vegetables. 2357
- When, how and why to use training consultants. 1309
- Where do I go from here (Motion picture). 1310
- Where old age begins (Slides). 604
- Where we get our food. 346
- White House Conference on Aging - report of the Nutrition Section. 2101
- The White House Conference on Children. 2102
- White House conference on food, nutrition and health: Final report. 606
- White House Conference on Food, Nutrition and Health: report of follow-up conference. 605
- White sauce (Film loop). 1543
- Whitey and Whiskers and food. 224
- Who says school lunch needs public relations? 999
- Who turns the child "off" to nutrition. 607
- Why not cooperative purchasing? 2361
- Why not stenderize institutional organized frozen food packaging? 1965
- Why people eat what they eat. 608
- Why school lunch fails. 2103
- Why won't they eat? 2104
- Will advance testing reduce new product risks? 1000
- Will customers really use the label? 766
- Will Canada's procurement system work for you? 2363
- Wine. 1967
- Wise up--go modern--cut out a la carte and cut costs. 1002
- Woman's Day encyclopedia of cookery, vol. 1. 2183
- Woman's Day encyclopedia of cookery, vol. 10. 2184
- Woman's Day encyclopedia of cookery, vol. 11. 2185
- Woman's Day encyclopedia of cookery, vol. 12. 2186
- Woman's Day encyclopedia of cookery, vol. 2. 2187
- Woman's Day Encyclopedia of cookery, vol. 3. 2182
- Woman's Day encyclopedia of cookery, vol. 4. 2188
- Woman's Day encyclopedia of cookery, vol. 5. 2189
- Woman's Day encyclopedia of cookery, vol. 6. 2190
- Woman's Day encyclopedia of cookery, vol. 7. 2191
- Woman's Day encyclopedia of cookery, vol. 8. 2192
- Woman's Day encyclopedia of cookery, vol. 9. 2193
- The words we use. 513
- Work analysis and design for hotels, restaurants and institutions. 471
- Work improvement. 769
- Work simplification. 1003
- Work simplification in food service (Slides). 1315
- Work smart--stay safe; an employee safety message (Filmstrip/Record). 1783
- World food and population problems: Some possible solutions. 669
- World food-population levels. 2245
- The world of food. 643
- Write your own ticket (Filmstrips/Records). 1316
- Writing behavioral objectives. 1317
- Writing their own menus. 1370
- WSB on the hunger front. 1960
- Yams brighten winter lunches. 2194
- Year-round school: districts develop successful programs. 1171
- The year-round school: faddish or feasible. 2297
- Yellowstone's foodservice: Mission impossible! 1004
- Yogurt: Is it truly Adelle's B vitamin? 615
- Yorktown students don't jump for junk. 616
- You. 1314
- You and your food (Motion picture). 617
- You and your food (Motion picture) (Soundish). 618
- You and your frozen-food distributor. 2365
- You can have both unit-by-unit autonomy and multi-unit savings: Kaiser's southern region proves it. 1371
- You can help fight hunger in America. 2049
- You can help fight hunger in America. 2092
- You can't teach a hungry child. 1 lunch survey. 619
- You too can start a food program. 2105
- Young America dines out: how youth voted in '72. 1005
- Youngsters' taste test picks favorites. 1006
- Your assignment, should you decide to accept it... 620
- Your biggest investment (Film loop). 1690
- Your diet: health is in the balance. 403
- Your future in food science. 1239
- Your future in restaurants and food service. 1307
- Your heart has nine lives. 95
- The youth market pays to do its thing. 1691
- Youth speaks: Student involvement in school food service--a panel discussion. 1007
- The 10 cooking, heating and reconstituting applications: part 4. 1546
- 10,000 came to breakfast. 2106
- 1969-1970 report. 404
- 1972 Junior college directory. 2195
- 1972 school food service showcase. 1692
- A 24-hour method for the detection of coagulase-positive staphylococci in fish & shrimp. 621
- The 30's of atmosphere, 1. 1649
- The 30's of atmosphere, 11. 1648
- 3rd-edgers - the new hedonists. 1008
- 7 maintenance ideas from industry. 1009
- 93¢ a day 1010

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